COMPLIANCE / ENGINEERING / REMEDIATION

LT Environmental, Inc.
820 Megan Avenue, Unit B
Rifle, Colorado 81650
T 970.285.9985 / F 970.285.2467

November 13, 2015

Mr. Gary Longhenry
GRMR Oil & Gas, LLC
370 Interlocken Boulevard Suite 550
Broomfield, Colorado 80021

RE: Report of Work Completed – Soil Shredding Activities
Durham 4-31 (Location ID – 413919) (Spill/Release Point ID: 439358)
Moffat, Colorado

Dear Mr. Longhenry:

LT Environmental, Inc. (LTE), under the direction of GRMR Oil & Gas, LLC. (GRMR), conducted soil shredding activities of hydrocarbon impacted soil associated with pipeline release (Spill/Release Point ID: 439358) at the Durham 4-31 (Site), located within the Williams Fork area of operation in Moffat County, Colorado. This correspondence is a summary of the work completed by LTE in September, 2015.

Soil Shredding Activities

The soil was staged within a bermed lined containment at the Beaver Durham 12-32 pad in preparation for treatment (Figure 1). Prior to soil shredding treatment activities, LTE collected 6 composite stockpile soil characterization samples as illustrated in Figure 2. The composite soil characterization samples were identified through laboratory analysis as compliant with electrical conductivity (EC), sodium absorption ratio (SAR), arsenic, and pH. Although arsenic levels exceed the Colorado Oil and Gas Conservation Commission (COGCC) standard of 0.39 milligrams per kilogram (mg/kg) the levels are within surrounding background levels. Laboratory analytical reports are included as an attachment and summarized in Table 1.

From September 14 through 28, 2015, LTE was onsite to oversee the soil shredding treatment activities and to collect soil confirmation samples of the treated stockpiled soil. GRMR contracted Talon/LPE to treat approximately 2,686 cubic yards (cy^3) of hydrocarbon impacted soil. Soil was treated using soil shredding equipment and chemical oxidization utilizing hydrogen peroxide. The treated soil cured for 24 hours prior to soil confirmation sample collection. Five-point composite soil confirmation samples were collected from each of the treated stockpiles and submitted for a limited suite laboratory analysis identified in COGCC Table 910-1 as benzene, toluene, ethylbenzene, xylene (BTEX), total petroleum hydrocarbon - gasoline range organics (TPH-GRO) and TPH-diesel range organics (DRO). The attached Site Map (Figure 3) illustrates the soil stockpile locations.

Analytical Results

Laboratory analytical results indicate all 19 composite soil samples collected were compliant with the COGCC Table 910-1 allowable concentration levels. Laboratory analytical reports are included as an attachment and summarized in Table 2.

Conclusion

From September 14 through 28, 2015, LTE personnel were onsite overseeing the remedial treatment of approximately 2,686 cy^3 of hydrocarbon impacted soil from the Durham 4-31 Pipeline Release. Soil analytical results for all 19 composite soil samples are compliant or within the COGCC Table 910-1 allowable concentrations.

LTE appreciates the opportunity to provide environmental services to GRMR. Please call us at 970-285-9985 if you have any questions or comments regarding this report.

Sincerely,

LT ENVIRONMENTAL, INC.

Dustin Held
Staff Geologist

Robert Fishburn, P.G
Senior Hydrogeologist

Attachments

Figure 1 - Site Location Map
Figure 2 - Waste Characterization Map
Figure 3 - Site Map
Stockpile Soil Analytical Results Table 1
Treated Soil Analytical Results Table 2
Laboratory Analytical Report

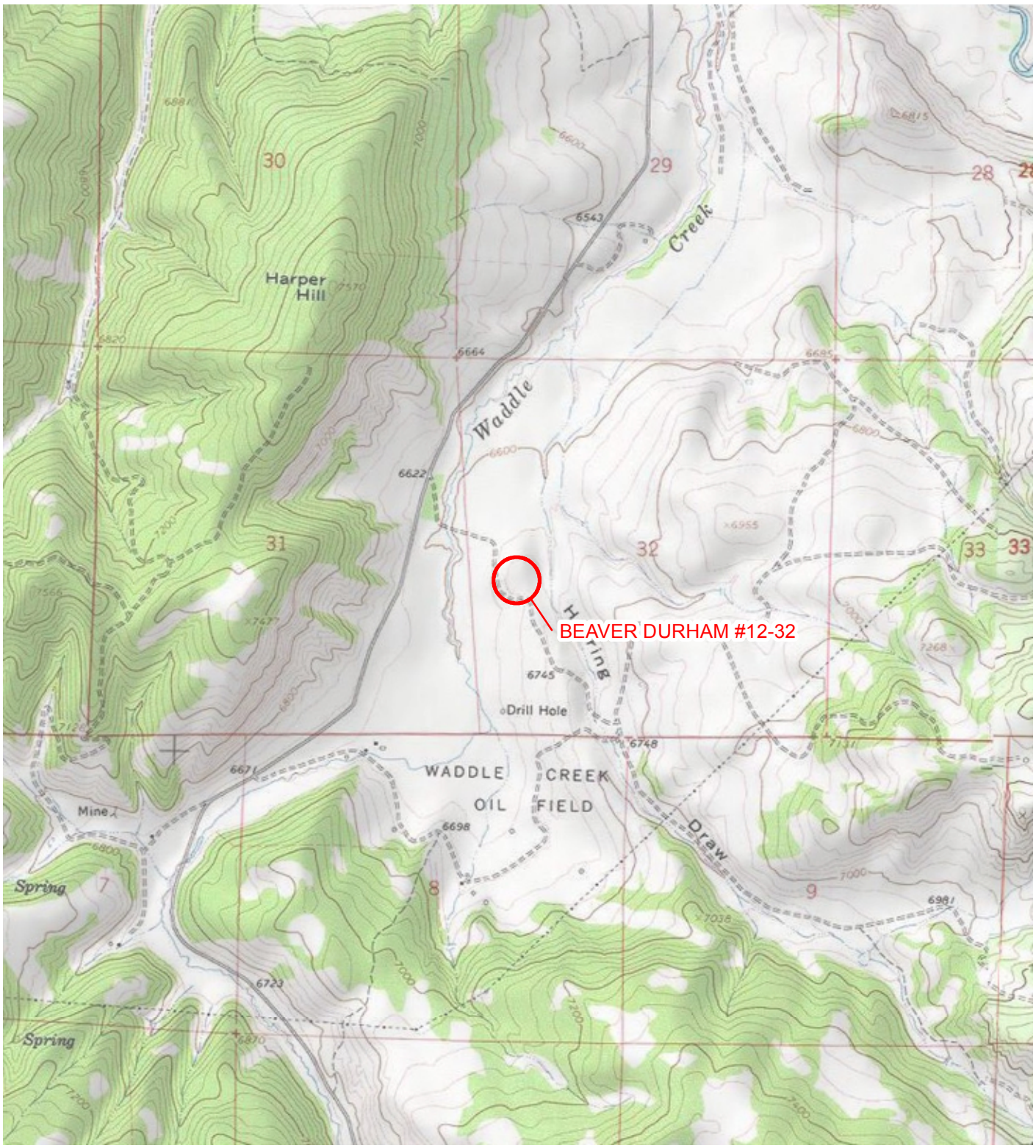

IMAGE COURTESY OF ESRI/USGS

LEGEND

SITE LOCATION

0 2,000 4,000

Feet

N

FIGURE 1
SITE LOCATION MAP
BEAVER DURHAM #12-32
NWSW SEC 32-T5N-R90W
MOFFAT COUNTY, COLORADO
GRMR OIL & GAS, LLC.

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LEGEND

SOIL STOCKPILE

IMAGE COURTESY OF ESRI

0 100 200

Feet

N

FIGURE 2
WASTE CHARACTERIZATION MAP
DURHAM 4-31
NWSW SEC 32-T5N-R90W
MOFFAT COUNTY, COLORADO
GRMR OIL & GAS, LLC.

P:\GRMR Oil & Gas\GIS\058115002_DURHAM_#2\MXD\058115001_FIG01_SITE_DIAGRAM.mxd

IMAGE COURTESY OF ESRI

LEGEND

- BEAVER DURHAM #12-32 WELLHEAD
- SOIL STOCKPILE (NOT TO SCALE)

0 50 100

Feet

N

FIGURE 3
SITE MAP
DURHAM 4-31 SOIL REMEDIATION
NWSW SEC 32-T5N-R90W
MOFFAT COUNTY, COLORADO
GRMR OIL & GAS, LLC.

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TABLE 1
DRUHAM 4-31
SOIL ANALYTICAL RESULTS
STOCKPLIE SOIL CONFIRMATION SAMPLES
MOFFAT COUNTY, COLORADO
GRMR OIL AND GAS, LLC.

PARAMETER	COGCC Table 910-1 Concentration Levels	UNITS	Sample ID: CS01	Sample ID: CS02	Sample ID: CS03	Sample ID: CS04	Sample ID: CS05	Sample ID: CS06
Sample Date			5/12/2015	5/12/2015	5/12/2015	5/12/2015	5/12/2015	5/12/2015
Sample Type			Composite	Composite	Composite	Composite	Composite	Composite
Arsenic	0.39	mg/kg	**4.9**	NA	**5.3**	NA	**4.6**	NA
Barium	15,000	mg/kg	150	NA	130	NA	120	NA
Cadmium	70	mg/kg	<0.89	NA	<0.98	NA	<0.83	NA
Chromium (III)	120,000	mg/kg	13	NA	14	NA	14	NA
Chromium (VI)	23	mg/kg	<1.4	NA	<1.2	NA	<1.3	NA
Copper	3,100	mg/kg	14	NA	14	NA	15	NA
Lead	400	mg/kg	12	NA	11	NA	11	NA
Mercury	23	mg/kg	0.020	NA	<0.016	NA	<0.016	NA
Nickel	1,600	mg/kg	17	NA	16	NA	18	NA
Selenium	390	mg/kg	<0.89	NA	<0.98	NA	<0.83	NA
Silver	390	mg/kg	<0.44	NA	<0.49	NA	<0.42	NA
Zinc	23,000	mg/kg	65	NA	61	NA	70	NA
EC	4.0	mmhos/cm	1.6	NA	1.7	NA	1.1	NA
pH	6 - 9	SU	7.8	NA	7.9	NA	7.7	NA
SAR	12	none	1.2	NA	0.98	NA	0.92	NA
Benzene	0.17	mg/kg	0.17	**0.76**	**0.34**	<0.038	**0.19**	0.14
Toluene	85	mg/kg	1.3	3.2	1.5	0.13	0.58	0.51
Ethylbenzene	100	mg/kg	2.6	2.2	0.97	0.62	0.50	0.34
Total Xylenes	175	mg/kg	10	7.7	3.4	2.3	1.9	1.4
TPH-GRO		mg/kg	**540**	**530**	270	180	300	100
TPH-DRO		mg/kg	**1,600**	**2,000**	**600**	**590**	**4,600**	**770**
TPH	500	mg/kg	**2,140**	**2,530**	**870**	**770**	**4,900**	**870**
Acenaphthene	1,000	mg/kg	<0.0087	NA	<0.0083	NA	<0.0085	NA
Anthracene	1,000	mg/kg	<0.0087	NA	<0.0083	NA	<0.0085	NA
Benzo(A)anthracene	0.22	mg/kg	<0.0087	NA	<0.0083	NA	<0.0085	NA
Benzo(B)fluoranthene	0.22	mg/kg	<0.0087	NA	<0.0083	NA	<0.0085	NA
Benzo(K)fluoranthene	2.2	mg/kg	<0.0087	NA	<0.0083	NA	<0.0085	NA
Benzo(A)pyrene	0.022	mg/kg	<0.0087	NA	<0.0083	NA	<0.0085	NA
Chrysene	22	mg/kg	<0.0087	NA	<0.0083	NA	<0.0085	NA
Dibenzo(A,H)anthracene	0.022	mg/kg	<0.0087	NA	<0.0083	NA	<0.0085	NA
Fluoranthene	1,000	mg/kg	<0.0087	NA	<0.0083	NA	<0.0085	NA
Fluorene	1,000	mg/kg	<0.0087	NA	<0.0083	NA	<0.0085	NA
Indeno(1,2,3-cd)pyrene	0.22	mg/kg	<0.0087	NA	<0.0083	NA	<0.0085	NA
Naphthalene	23	mg/kg	<0.0087	NA	<0.0083	NA	<0.0085	NA
Pyrene	1,000	mg/kg	<0.0087	NA	<0.0083	NA	<0.0085	NA

NOTES:
mg/kg - milligrams per kilogram
mmhos/cm - millimhos per centimeter
EC - electrical conductivity
SU - standard unit
SAR - sodium adsorption ratio
TPH-DRO - total petroleum hydrocarbons-diesel range organics
TPH-GRO - total petroleum hydrocarbons-gasoline range organics
TPH - Sum of TPH-DRO and TPH-GRO
NA - not analyzed
< - less than the stated reporting limit
BOLD - indicates result exceeds Colorado Oil and Gas Conservation Commission (COGCC) Table 910-1

TABLE 2
DURHAM 4-31
SOIL ANALYTICAL RESULTS
SOIL SHREDDING CONFIRMATION SAMPLES
MOFFAT COUNTY, COLORADO
GRMR OIL & GAS, LLC.

Sample ID	Sample Date	Sample Type	Benzene mg/kg	Toluene mg/kg	Ethylbenzene mg/kg	Total Xylenes mg/kg	TPH - GRO mg/kg	TPH - DRO mg/kg	TPH mg/kg
20150914 - SS01	9/16/2015	Confirmation	<0.010	<0.010	<0.010	<0.010	<50	<50	<50
20150915 - SS02	9/16/2015	Confirmation	<0.010	<0.010	0.016	0.063	<50	87.4	87.4
20150915 - SS03	9/16/2015	Confirmation	<0.010	<0.010	<0.010	0.027	<50	50.6	50.6
20150916 - SS04	9/17/2015	Confirmation	<0.010	<0.010	<0.010	0.032	<50	171	171
20150917 - SS05	9/21/2015	Confirmation	<0.010	<0.010	<0.010	<0.010	<50.0	95.0	95.0
20150917 - SS06	9/21/2015	Confirmation	<0.010	<0.010	<0.010	<0.010	<50.0	148	148
20150918 - SS07	9/21/2015	Confirmation	<0.010	<0.010	<0.010	0.01	<50.0	66.9	66.9
20150918 - SS08	9/21/2015	Confirmation	<0.010	<0.010	<0.010	<0.010	<50.0	97.8	97.8
20150921 - SS09, SS10	9/23/2015	Confirmation	<0.010	0.017	0.147	0.610	124	192	316
20150922 - SS11, SS12	9/23/2015	Confirmation	<0.010	0.027	<0.010	0.084	62.0	170	232
20150922 - SS13, SS14	9/24/2015	Confirmation	<0.010	0.014	0.035	0.12	<50.0	60.2	60.2
20150923 - SS15	9/25/2015	Confirmation	<0.010	<0.010	<0.010	<0.010	<50.0	64.9	64.9
20150924 - SS16	9/28/2015	Confirmation	<0.010	<0.010	<0.010	<0.010	<50	86.0	86.0
20150924 - SS17	9/28/2015	Confirmation	<0.010	<0.010	<0.010	0.023	<50	96.4	96.4
20150925 - SS18	9/28/2015	Confirmation	<0.010	<0.010	<0.010	<0.010	<50	117	117
20150926 - SS19	9/28/2015	Confirmation	<0.010	<0.010	<0.010	<0.010	<50	99.9	99.9
COGCC ALLOWABLE CONCENTRATIONS			0.17	85	100	175	_____	_____	500

Notes:

< - less than the stated reporting limit
BOLD - indicates result exceeds the COGCC concentration level
COGCC - Colorado Oil and Gas Conservation Commission
mg/kg - milligrams per kilogram
TPH-GRO - total petroleum hydrocarbons-gasoline range organics
TPH-DRO - total petroleum hydrocarbons-diesel range organics
TPH - combination of TPH-GRO and TPH-DRO

22-May-2015

Rob Fishburn
LT Environmental, Inc
820 Megan Ave. Unit B
Rifle, CO 81650

Re: **GRMR Durham 4-31** Work Order: **1505805**

Dear Rob,

ALS Environmental received 6 samples on 14-May-2015 09:30 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

Sample results are compliant with NELAP standard requirements and QC results achieved laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 29.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Chad Whelton

Electronically approved by: Chad Whelton

Chad Whelton
Project Manager

Certificate No: MN 532786

ADDRESS 3352 128th Avenue Holland, Michigan 49424-9263 | PHONE (616) 399-6070 | FAX (616) 399-6185
ALS GROUP USA, CORP Part of the ALS Laboratory Group A Campbell Brothers Limited Company

ALS Group USA, Corp

Date: 22-May-15

Client: LT Environmental, Inc
Project: GRMR Durham 4-31
Work Order: **1505805**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
1505805-01	CS01	Soil		5/12/2015 10:20	5/14/2015 09:30	☐
1505805-02	CS02	Soil		5/12/2015 10:40	5/14/2015 09:30	☐
1505805-03	CS03	Soil		5/12/2015 11:20	5/14/2015 09:30	☐
1505805-04	CS04	Soil		5/12/2015 11:50	5/14/2015 09:30	☐
1505805-05	CS05	Soil		5/12/2015 12:20	5/14/2015 09:30	☐
1505805-06	CS06	Soil		5/12/2015 12:50	5/14/2015 09:30	☐

ALS Group USA, Corp

Date: 22-May-15

Client: LT Environmental, Inc
Project: GRMR Durham 4-31
Work Order: 1505805

Case Narrative

Batch 71161, Method DRO_8015_S, Samples 1505805-01B and -02B: DRO surrogate recoveries high due to matrix interference.

ALS Group USA, Corp

Date: 22-May-15

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte is present at an estimated concentration between the MDL and Report Limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL
X	Analyte was detected in the Method Blank between the MDL and PQL, sample results may exhibit background or reagent contamination at the observed level.

Acronym	Description
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LOD	Limit of Detection (see MDL)
LOQ	Limit of Quantitation (see PQL)
MBLK	Method Blank
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
TDL	Target Detection Limit
TNTC	Too Numerous To Count
A	APHA Standard Methods
D	ASTM
E	EPA
SW	SW-846 Update III

Units Reported	Description
% of sample	Percent of Sample
mg/Kg-dry	Milligrams per Kilogram Dry Weight
mg/L	Milligrams per Liter
mmhos/cm @25°C	Millimhos-Centimeter at 25 Degrees Celcius
none	
s.u.	Standard Units

ALS Group USA, Corp

Date: *22-May-15*

Client: LT Environmental, Inc
Project: GRMR Durham 4-31 **Work Order:** 1505805
Sample ID: CS01 **Lab ID:** 1505805-01
Collection Date: 5/12/2015 10:20 AM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID			**SW8015M**		Prep: SW3541 / 5/18/15	Analyst: **IT**
DRO (C10-C28)	**1,600**		**5.4**	**mg/Kg-dry**	1	5/18/2015 07:43 PM
Surr: 4-Terphenyl-d14	*401*	S	*39-133*	*%REC*	1	5/18/2015 07:43 PM
GASOLINE RANGE ORGANICS BY GC-FID			**SW8015D**			Analyst: **IT**
GRO (C6-C10)	**540**		**3.3**	**mg/Kg-dry**	1	5/15/2015 08:27 PM
Surr: Toluene-d8	*113*		*50-150*	*%REC*	1	5/15/2015 08:27 PM
MERCURY BY CVAA			**SW7471B**		Prep: SW7471 / 5/19/15	Analyst: **LR**
Mercury	**0.020**		**0.018**	**mg/Kg-dry**	1	5/20/2015 02:43 PM
METALS ANALYSIS BY ICP			**SW846 6010C**		Prep: SW3050B / 5/15/15	Analyst: **JEC**
Arsenic	**4.9**		**0.44**	**mg/Kg-dry**	1	5/18/2015 09:50 AM
Barium	**150**		**0.44**	**mg/Kg-dry**	1	5/18/2015 09:50 AM
Cadmium	ND		0.89	mg/Kg-dry	1	5/18/2015 09:50 AM
Chromium	**13**		**0.44**	**mg/Kg-dry**	1	5/18/2015 09:50 AM
Copper	**14**		**0.89**	**mg/Kg-dry**	1	5/18/2015 09:50 AM
Lead	**12**		**4.4**	**mg/Kg-dry**	10	5/18/2015 05:15 PM
Nickel	**17**		**0.44**	**mg/Kg-dry**	1	5/18/2015 09:50 AM
Selenium	ND		0.89	mg/Kg-dry	1	5/18/2015 09:50 AM
Silver	ND		0.44	mg/Kg-dry	1	5/18/2015 09:50 AM
Zinc	**65**		**0.89**	**mg/Kg-dry**	1	5/18/2015 09:50 AM
SOLUBLE CATIONS FOR SAR			**SW846 6010C**		Prep: USDA Method 20B / 5/19/15	Analyst: **JEC**
Calcium	**110**		**5.0**	**mg/L**	10	5/19/2015 11:51 PM
Magnesium	**71**		**2.0**	**mg/L**	10	5/19/2015 11:51 PM
Sodium	**66**		**2.0**	**mg/L**	10	5/19/2015 11:51 PM
SODIUM ADSORPTION RATIO			**USDA H60 METHO**		Prep: USDA Method 20B / 5/19/15	Analyst: **JEC**
Sodium Adsorption Ratio	**1.2**		**0.010**	**none**	1	5/19/2015
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW846 8270D**		Prep: SW3541 / 5/19/15	Analyst: **RS**
Acenaphthene	ND		0.0087	mg/Kg-dry	1	5/20/2015 04:31 AM
Anthracene	ND		0.0087	mg/Kg-dry	1	5/20/2015 04:31 AM
Benzo(a)anthracene	ND		0.0087	mg/Kg-dry	1	5/20/2015 04:31 AM
Benzo(a)pyrene	ND		0.0087	mg/Kg-dry	1	5/20/2015 04:31 AM
Benzo(b)fluoranthene	ND		0.0087	mg/Kg-dry	1	5/20/2015 04:31 AM
Benzo(k)fluoranthene	ND		0.0087	mg/Kg-dry	1	5/20/2015 04:31 AM
Chrysene	ND		0.0087	mg/Kg-dry	1	5/20/2015 04:31 AM
Dibenzo(a,h)anthracene	ND		0.0087	mg/Kg-dry	1	5/20/2015 04:31 AM
Fluoranthene	ND		0.0087	mg/Kg-dry	1	5/20/2015 04:31 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *22-May-15*

Client: LT Environmental, Inc
Project: GRMR Durham 4-31 **Work Order:** 1505805
Sample ID: CS01 **Lab ID:** 1505805-01
Collection Date: 5/12/2015 10:20 AM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Fluorene	ND		0.0087	mg/Kg-dry	1	5/20/2015 04:31 AM
Indeno(1,2,3-cd)pyrene	ND		0.0087	mg/Kg-dry	1	5/20/2015 04:31 AM
Naphthalene	ND		0.0087	mg/Kg-dry	1	5/20/2015 04:31 AM
Pyrene	ND		0.0087	mg/Kg-dry	1	5/20/2015 04:31 AM
Surr: 2-Fluorobiphenyl	*74.3*		*12-100*	*%REC*	1	5/20/2015 04:31 AM
Surr: 4-Terphenyl-d14	*107*		*25-137*	*%REC*	1	5/20/2015 04:31 AM
Surr: Nitrobenzene-d5	*77.6*		*37-107*	*%REC*	1	5/20/2015 04:31 AM
VOLATILE ORGANIC COMPOUNDS			**SW8260B**		Prep: SW5035 / 5/15/15	Analyst: **LSY**
Benzene	**0.17**		**0.040**	**mg/Kg-dry**	1	5/20/2015 09:19 AM
Ethylbenzene	**2.6**		**0.040**	**mg/Kg-dry**	1	5/20/2015 09:19 AM
m,p-Xylene	**6.8**		**0.079**	**mg/Kg-dry**	1	5/20/2015 09:19 AM
o-Xylene	**3.7**		**0.040**	**mg/Kg-dry**	1	5/20/2015 09:19 AM
Toluene	**1.3**		**0.040**	**mg/Kg-dry**	1	5/20/2015 09:19 AM
Xylenes, Total	**10**		**0.12**	**mg/Kg-dry**	1	5/20/2015 09:19 AM
Surr: 1,2-Dichloroethane-d4	*93.1*		*70-130*	*%REC*	1	5/20/2015 09:19 AM
Surr: 4-Bromofluorobenzene	*112*		*70-130*	*%REC*	1	5/20/2015 09:19 AM
Surr: Dibromofluoromethane	*89.3*		*70-130*	*%REC*	1	5/20/2015 09:19 AM
Surr: Toluene-d8	*115*		*70-130*	*%REC*	1	5/20/2015 09:19 AM
ELECTRICAL CONDUCTIVITY (SAR)			**USDA H60 METHO**		Prep: USDA Method 20B / 5/19/15	Analyst: **KF**
Electrical Conductivity @ Saturation	**1.6**		**0.050**	**mmhos/cm @2**	10	5/20/2015 11:55 AM
CHROMIUM, TRIVALENT			**CALCULATION**			Analyst: **MB**
Chromium, Trivalent	**13**		**0.66**	**mg/Kg-dry**	1	5/21/2015 01:15 PM
CHROMIUM, HEXAVALENT			**SW7196A**		Prep: SW3060A / 5/18/15	Analyst: **MB**
Chromium, Hexavalent	ND		1.4	mg/Kg-dry	1	5/19/2015 04:00 PM
MOISTURE			**E160.3M**			Analyst: **EVB**
Moisture	**24**		**0.050**	**% of sample**	1	5/19/2015 01:45 PM
PH			**SW9045D**		Prep: EXTRACT / 5/18/15	Analyst: **ED**
pH	**7.8**			**s.u.**	1	5/18/2015 04:00 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *22-May-15*

Client: LT Environmental, Inc
Project: GRMR Durham 4-31 **Work Order:** 1505805
Sample ID: CS02 **Lab ID:** 1505805-02
Collection Date: 5/12/2015 10:40 AM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID			**SW8015M**		Prep: SW3541 / 5/18/15	Analyst: **IT**
DRO (C10-C28)	**2,000**		**5.3**	**mg/Kg-dry**	1	5/18/2015 08:13 PM
Surr: 4-Terphenyl-d14	*467*	S	*39-133*	*%REC*	1	5/18/2015 08:13 PM
GASOLINE RANGE ORGANICS BY GC-FID			**SW8015D**			Analyst: **IT**
GRO (C6-C10)	**530**		**3.2**	**mg/Kg-dry**	1	5/15/2015 08:52 PM
Surr: Toluene-d8	*110*		*50-150*	*%REC*	1	5/15/2015 08:52 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260B**		Prep: SW5035 / 5/15/15	Analyst: **LSY**
Benzene	**0.76**		**0.038**	**mg/Kg-dry**	1	5/20/2015 09:45 AM
Ethylbenzene	**2.2**		**0.038**	**mg/Kg-dry**	1	5/20/2015 09:45 AM
m,p-Xylene	**5.1**		**0.077**	**mg/Kg-dry**	1	5/20/2015 09:45 AM
o-Xylene	**2.7**		**0.038**	**mg/Kg-dry**	1	5/20/2015 09:45 AM
Toluene	**3.2**		**0.038**	**mg/Kg-dry**	1	5/20/2015 09:45 AM
Xylenes, Total	**7.7**		**0.12**	**mg/Kg-dry**	1	5/20/2015 09:45 AM
Surr: 1,2-Dichloroethane-d4	*92.1*		*70-130*	*%REC*	1	5/20/2015 09:45 AM
Surr: 4-Bromofluorobenzene	*108*		*70-130*	*%REC*	1	5/20/2015 09:45 AM
Surr: Dibromofluoromethane	*87.9*		*70-130*	*%REC*	1	5/20/2015 09:45 AM
Surr: Toluene-d8	*119*		*70-130*	*%REC*	1	5/20/2015 09:45 AM
MOISTURE			**E160.3M**			Analyst: **EVB**
Moisture	**22**		**0.050**	**% of sample**	1	5/19/2015 01:45 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *22-May-15*

Client: LT Environmental, Inc
Project: GRMR Durham 4-31
Sample ID: CS03
Collection Date: 5/12/2015 11:20 AM

Work Order: 1505805
Lab ID: 1505805-03
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID			**SW8015M**		Prep: SW3541 / 5/18/15	Analyst: **IT**
DRO (C10-C28)	**600**		**5.2**	**mg/Kg-dry**	1	5/18/2015 08:43 PM
Surr: 4-Terphenyl-d14	*67.2*		*39-133*	*%REC*	1	5/18/2015 08:43 PM
GASOLINE RANGE ORGANICS BY GC-FID			**SW8015D**			Analyst: **IT**
GRO (C6-C10)	**270**		**3.1**	**mg/Kg-dry**	1	5/15/2015 09:17 PM
Surr: Toluene-d8	*112*		*50-150*	*%REC*	1	5/15/2015 09:17 PM
MERCURY BY CVAA			**SW7471B**		Prep: SW7471 / 5/19/15	Analyst: **LR**
Mercury	ND		0.016	mg/Kg-dry	1	5/20/2015 02:45 PM
METALS ANALYSIS BY ICP			**SW846 6010C**		Prep: SW3050B / 5/15/15	Analyst: **JEC**
Arsenic	**5.3**		**0.49**	**mg/Kg-dry**	1	5/18/2015 09:55 AM
Barium	**130**		**0.49**	**mg/Kg-dry**	1	5/18/2015 09:55 AM
Cadmium	ND		0.98	mg/Kg-dry	1	5/18/2015 09:55 AM
Chromium	**14**		**0.49**	**mg/Kg-dry**	1	5/18/2015 09:55 AM
Copper	**14**		**0.98**	**mg/Kg-dry**	1	5/18/2015 09:55 AM
Lead	**11**		**0.49**	**mg/Kg-dry**	1	5/18/2015 09:55 AM
Nickel	**16**		**0.49**	**mg/Kg-dry**	1	5/18/2015 09:55 AM
Selenium	ND		0.98	mg/Kg-dry	1	5/18/2015 09:55 AM
Silver	ND		0.49	mg/Kg-dry	1	5/18/2015 09:55 AM
Zinc	**61**		**0.98**	**mg/Kg-dry**	1	5/18/2015 09:55 AM
SOLUBLE CATIONS FOR SAR			**SW846 6010C**		Prep: USDA Method 20B / 5/19/15	Analyst: **JEC**
Calcium	**120**		**5.0**	**mg/L**	10	5/19/2015 11:57 PM
Magnesium	**75**		**2.0**	**mg/L**	10	5/19/2015 11:57 PM
Sodium	**55**		**2.0**	**mg/L**	10	5/19/2015 11:57 PM
SODIUM ADSORPTION RATIO			**USDA H60 METHO**		Prep: USDA Method 20B / 5/19/15	Analyst: **JEC**
Sodium Adsorption Ratio	**0.98**		**0.010**	**none**	1	5/19/2015
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW846 8270D**		Prep: SW3541 / 5/19/15	Analyst: **RS**
Acenaphthene	ND		0.0083	mg/Kg-dry	1	5/20/2015 04:56 AM
Anthracene	ND		0.0083	mg/Kg-dry	1	5/20/2015 04:56 AM
Benzo(a)anthracene	ND		0.0083	mg/Kg-dry	1	5/20/2015 04:56 AM
Benzo(a)pyrene	ND		0.0083	mg/Kg-dry	1	5/20/2015 04:56 AM
Benzo(b)fluoranthene	ND		0.0083	mg/Kg-dry	1	5/20/2015 04:56 AM
Benzo(k)fluoranthene	ND		0.0083	mg/Kg-dry	1	5/20/2015 04:56 AM
Chrysene	ND		0.0083	mg/Kg-dry	1	5/20/2015 04:56 AM
Dibenzo(a,h)anthracene	ND		0.0083	mg/Kg-dry	1	5/20/2015 04:56 AM
Fluoranthene	ND		0.0083	mg/Kg-dry	1	5/20/2015 04:56 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *22-May-15*

Client: LT Environmental, Inc
Project: GRMR Durham 4-31 **Work Order:** 1505805
Sample ID: CS03 **Lab ID:** 1505805-03
Collection Date: 5/12/2015 11:20 AM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Fluorene	ND		0.0083	mg/Kg-dry	1	5/20/2015 04:56 AM
Indeno(1,2,3-cd)pyrene	ND		0.0083	mg/Kg-dry	1	5/20/2015 04:56 AM
Naphthalene	ND		0.0083	mg/Kg-dry	1	5/20/2015 04:56 AM
Pyrene	ND		0.0083	mg/Kg-dry	1	5/20/2015 04:56 AM
Surr: 2-Fluorobiphenyl	*73.9*		*12-100*	*%REC*	1	5/20/2015 04:56 AM
Surr: 4-Terphenyl-d14	*98.5*		*25-137*	*%REC*	1	5/20/2015 04:56 AM
Surr: Nitrobenzene-d5	*60.9*		*37-107*	*%REC*	1	5/20/2015 04:56 AM
VOLATILE ORGANIC COMPOUNDS			**SW8260B**		Prep: SW5035 / 5/15/15	Analyst: **BG**
Benzene	**0.34**		**0.038**	**mg/Kg-dry**	1	5/20/2015 09:53 AM
Ethylbenzene	**0.97**		**0.038**	**mg/Kg-dry**	1	5/20/2015 09:53 AM
m,p-Xylene	**2.0**		**0.075**	**mg/Kg-dry**	1	5/20/2015 09:53 AM
o-Xylene	**1.4**		**0.038**	**mg/Kg-dry**	1	5/20/2015 09:53 AM
Toluene	**1.5**		**0.038**	**mg/Kg-dry**	1	5/20/2015 09:53 AM
Xylenes, Total	**3.4**		**0.11**	**mg/Kg-dry**	1	5/20/2015 09:53 AM
Surr: 1,2-Dichloroethane-d4	*99.4*		*70-130*	*%REC*	1	5/20/2015 09:53 AM
Surr: 4-Bromofluorobenzene	*106*		*70-130*	*%REC*	1	5/20/2015 09:53 AM
Surr: Dibromofluoromethane	*94.2*		*70-130*	*%REC*	1	5/20/2015 09:53 AM
Surr: Toluene-d8	*118*		*70-130*	*%REC*	1	5/20/2015 09:53 AM
ELECTRICAL CONDUCTIVITY (SAR)			**USDA H60 METHO**		Prep: USDA Method 20B / 5/19/15	Analyst: **KF**
Electrical Conductivity @ Saturation	**1.7**		**0.050**	**mmhos/cm @2**	10	5/20/2015 11:55 AM
CHROMIUM, TRIVALENT			**CALCULATION**			Analyst: **MB**
Chromium, Trivalent	**14**		**0.63**	**mg/Kg-dry**	1	5/21/2015 01:15 PM
CHROMIUM, HEXAVALENT			**SW7196A**		Prep: SW3060A / 5/18/15	Analyst: **MB**
Chromium, Hexavalent	ND		1.2	mg/Kg-dry	1	5/19/2015 04:00 PM
MOISTURE			**E160.3M**			Analyst: **EVB**
Moisture	**20**		**0.050**	**% of sample**	1	5/19/2015 01:45 PM
PH			**SW9045D**		Prep: EXTRACT / 5/18/15	Analyst: **ED**
pH	**7.9**			**s.u.**	1	5/18/2015 04:00 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *22-May-15*

Client: LT Environmental, Inc
Project: GRMR Durham 4-31 **Work Order:** 1505805
Sample ID: CS04 **Lab ID:** 1505805-04
Collection Date: 5/12/2015 11:50 AM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID			**SW8015M**		Prep: SW3541 / 5/18/15	Analyst: **IT**
DRO (C10-C28)	**590**		**5.2**	**mg/Kg-dry**	1	5/18/2015 09:13 PM
Surr: 4-Terphenyl-d14	*68.8*		*39-133*	*%REC*	1	5/18/2015 09:13 PM
GASOLINE RANGE ORGANICS BY GC-FID			**SW8015D**			Analyst: **IT**
GRO (C6-C10)	**180**		**3.2**	**mg/Kg-dry**	1	5/15/2015 09:42 PM
Surr: Toluene-d8	*110*		*50-150*	*%REC*	1	5/15/2015 09:42 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260B**		Prep: SW5035 / 5/15/15	Analyst: **LSY**
Benzene	ND		0.038	mg/Kg-dry	1	5/20/2015 10:10 AM
Ethylbenzene	**0.62**		**0.038**	**mg/Kg-dry**	1	5/20/2015 10:10 AM
m,p-Xylene	**1.5**		**0.077**	**mg/Kg-dry**	1	5/20/2015 10:10 AM
o-Xylene	**0.86**		**0.038**	**mg/Kg-dry**	1	5/20/2015 10:10 AM
Toluene	**0.13**		**0.038**	**mg/Kg-dry**	1	5/20/2015 10:10 AM
Xylenes, Total	**2.3**		**0.12**	**mg/Kg-dry**	1	5/20/2015 10:10 AM
Surr: 1,2-Dichloroethane-d4	*92.4*		*70-130*	*%REC*	1	5/20/2015 10:10 AM
Surr: 4-Bromofluorobenzene	*114*		*70-130*	*%REC*	1	5/20/2015 10:10 AM
Surr: Dibromofluoromethane	*87.6*		*70-130*	*%REC*	1	5/20/2015 10:10 AM
Surr: Toluene-d8	*101*		*70-130*	*%REC*	1	5/20/2015 10:10 AM
MOISTURE			**E160.3M**			Analyst: **EVB**
Moisture	**22**		**0.050**	**% of sample**	1	5/19/2015 01:45 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *22-May-15*

Client: LT Environmental, Inc
Project: GRMR Durham 4-31 **Work Order:** 1505805
Sample ID: CS05 **Lab ID:** 1505805-05
Collection Date: 5/12/2015 12:20 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID			**SW8015M**		Prep: SW3541 / 5/18/15	Analyst: **IT**
DRO (C10-C28)	**4,600**		**53**	**mg/Kg-dry**	10	5/19/2015 05:30 PM
Surr: 4-Terphenyl-d14	*67.4*		*39-133*	*%REC*	10	5/19/2015 05:30 PM
GASOLINE RANGE ORGANICS BY GC-FID			**SW8015D**			Analyst: **IT**
GRO (C6-C10)	**300**		**3.2**	**mg/Kg-dry**	1	5/15/2015 10:06 PM
Surr: Toluene-d8	*107*		*50-150*	*%REC*	1	5/15/2015 10:06 PM
MERCURY BY CVAA			**SW7471B**		Prep: SW7471 / 5/19/15	Analyst: **LR**
Mercury	ND		0.016	mg/Kg-dry	1	5/20/2015 02:48 PM
METALS ANALYSIS BY ICP			**SW846 6010C**		Prep: SW3050B / 5/15/15	Analyst: **JEC**
Arsenic	**4.6**		**0.42**	**mg/Kg-dry**	1	5/18/2015 10:01 AM
Barium	**120**		**0.42**	**mg/Kg-dry**	1	5/18/2015 10:01 AM
Cadmium	ND		0.83	mg/Kg-dry	1	5/18/2015 10:01 AM
Chromium	**14**		**0.42**	**mg/Kg-dry**	1	5/18/2015 10:01 AM
Copper	**15**		**0.83**	**mg/Kg-dry**	1	5/18/2015 10:01 AM
Lead	**11**		**0.42**	**mg/Kg-dry**	1	5/18/2015 10:01 AM
Nickel	**18**		**0.42**	**mg/Kg-dry**	1	5/18/2015 10:01 AM
Selenium	ND		0.83	mg/Kg-dry	1	5/18/2015 10:01 AM
Silver	ND		0.42	mg/Kg-dry	1	5/18/2015 10:01 AM
Zinc	**70**		**0.83**	**mg/Kg-dry**	1	5/18/2015 10:01 AM
SOLUBLE CATIONS FOR SAR			**SW846 6010C**		Prep: USDA Method 20B / 5/19/15	Analyst: **JEC**
Calcium	**73**		**5.0**	**mg/L**	10	5/20/2015 12:03 AM
Magnesium	**45**		**2.0**	**mg/L**	10	5/20/2015 12:03 AM
Sodium	**40**		**2.0**	**mg/L**	10	5/20/2015 12:03 AM
SODIUM ADSORPTION RATIO			**USDA H60 METHO**		Prep: USDA Method 20B / 5/19/15	Analyst: **JEC**
Sodium Adsorption Ratio	**0.92**		**0.010**	**none**	1	5/19/2015
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW846 8270D**		Prep: SW3541 / 5/19/15	Analyst: **RS**
Acenaphthene	ND		0.0085	mg/Kg-dry	1	5/20/2015 05:20 AM
Anthracene	ND		0.0085	mg/Kg-dry	1	5/20/2015 05:20 AM
Benzo(a)anthracene	ND		0.0085	mg/Kg-dry	1	5/20/2015 05:20 AM
Benzo(a)pyrene	ND		0.0085	mg/Kg-dry	1	5/20/2015 05:20 AM
Benzo(b)fluoranthene	ND		0.0085	mg/Kg-dry	1	5/20/2015 05:20 AM
Benzo(k)fluoranthene	ND		0.0085	mg/Kg-dry	1	5/20/2015 05:20 AM
Chrysene	ND		0.0085	mg/Kg-dry	1	5/20/2015 05:20 AM
Dibenzo(a,h)anthracene	ND		0.0085	mg/Kg-dry	1	5/20/2015 05:20 AM
Fluoranthene	ND		0.0085	mg/Kg-dry	1	5/20/2015 05:20 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: LT Environmental, Inc
Project: GRMR Durham 4-31 **Work Order:** 1505805
Sample ID: CS05 **Lab ID:** 1505805-05
Collection Date: 5/12/2015 12:20 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Fluorene	ND		0.0085	mg/Kg-dry	1	5/20/2015 05:20 AM
Indeno(1,2,3-cd)pyrene	ND		0.0085	mg/Kg-dry	1	5/20/2015 05:20 AM
Naphthalene	ND		0.0085	mg/Kg-dry	1	5/20/2015 05:20 AM
Pyrene	ND		0.0085	mg/Kg-dry	1	5/20/2015 05:20 AM
Surr: 2-Fluorobiphenyl	*81.0*		*12-100*	*%REC*	1	5/20/2015 05:20 AM
Surr: 4-Terphenyl-d14	*121*		*25-137*	*%REC*	1	5/20/2015 05:20 AM
Surr: Nitrobenzene-d5	*90.7*		*37-107*	*%REC*	1	5/20/2015 05:20 AM
VOLATILE ORGANIC COMPOUNDS			**SW8260B**		Prep: SW5035 / 5/15/15	Analyst: **LSY**
Benzene	**0.19**		**0.038**	**mg/Kg-dry**	1	5/20/2015 08:54 AM
Ethylbenzene	**0.50**		**0.038**	**mg/Kg-dry**	1	5/20/2015 08:54 AM
m,p-Xylene	**1.2**		**0.077**	**mg/Kg-dry**	1	5/20/2015 08:54 AM
o-Xylene	**0.72**		**0.038**	**mg/Kg-dry**	1	5/20/2015 08:54 AM
Toluene	**0.58**		**0.038**	**mg/Kg-dry**	1	5/20/2015 08:54 AM
Xylenes, Total	**1.9**		**0.12**	**mg/Kg-dry**	1	5/20/2015 08:54 AM
Surr: 1,2-Dichloroethane-d4	*95.2*		*70-130*	*%REC*	1	5/20/2015 08:54 AM
Surr: 4-Bromofluorobenzene	*110*		*70-130*	*%REC*	1	5/20/2015 08:54 AM
Surr: Dibromofluoromethane	*91.3*		*70-130*	*%REC*	1	5/20/2015 08:54 AM
Surr: Toluene-d8	*108*		*70-130*	*%REC*	1	5/20/2015 08:54 AM
ELECTRICAL CONDUCTIVITY (SAR)			**USDA H60 METHO**		Prep: USDA Method 20B / 5/19/15	Analyst: **KF**
Electrical Conductivity @ Saturation	**1.1**		**0.050**	**mmhos/cm @2**	10	5/20/2015 11:55 AM
CHROMIUM, TRIVALENT			**CALCULATION**			Analyst: **MB**
Chromium, Trivalent	**14**		**0.64**	**mg/Kg-dry**	1	5/21/2015 01:15 PM
CHROMIUM, HEXAVALENT			**SW7196A**		Prep: SW3060A / 5/18/15	Analyst: **MB**
Chromium, Hexavalent	ND		1.3	mg/Kg-dry	1	5/19/2015 04:00 PM
MOISTURE			**E160.3M**			Analyst: **EVB**
Moisture	**22**		**0.050**	**% of sample**	1	5/19/2015 01:45 PM
PH			**SW9045D**		Prep: EXTRACT / 5/18/15	Analyst: **ED**
pH	**7.7**			**s.u.**	1	5/18/2015 04:00 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *22-May-15*

Client: LT Environmental, Inc
Project: GRMR Durham 4-31 **Work Order:** 1505805
Sample ID: CS06 **Lab ID:** 1505805-06
Collection Date: 5/12/2015 12:50 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID			**SW8015M**		Prep: SW3541 / 5/18/15	Analyst: **IT**
DRO (C10-C28)	**770**		**5.0**	**mg/Kg-dry**	1	5/18/2015 10:43 PM
Surr: 4-Terphenyl-d14	*98.8*		*39-133*	*%REC*	1	5/18/2015 10:43 PM
GASOLINE RANGE ORGANICS BY GC-FID			**SW8015D**			Analyst: **IT**
GRO (C6-C10)	**100**		**3.1**	**mg/Kg-dry**	1	5/15/2015 10:31 PM
Surr: Toluene-d8	*111*		*50-150*	*%REC*	1	5/15/2015 10:31 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260B**		Prep: SW5035 / 5/15/15	Analyst: **LSY**
Benzene	**0.14**		**0.037**	**mg/Kg-dry**	1	5/20/2015 10:35 AM
Ethylbenzene	**0.34**		**0.037**	**mg/Kg-dry**	1	5/20/2015 10:35 AM
m,p-Xylene	**0.87**		**0.075**	**mg/Kg-dry**	1	5/20/2015 10:35 AM
o-Xylene	**0.50**		**0.037**	**mg/Kg-dry**	1	5/20/2015 10:35 AM
Toluene	**0.51**		**0.037**	**mg/Kg-dry**	1	5/20/2015 10:35 AM
Xylenes, Total	**1.4**		**0.11**	**mg/Kg-dry**	1	5/20/2015 10:35 AM
Surr: 1,2-Dichloroethane-d4	*92.4*		*70-130*	*%REC*	1	5/20/2015 10:35 AM
Surr: 4-Bromofluorobenzene	*112*		*70-130*	*%REC*	1	5/20/2015 10:35 AM
Surr: Dibromofluoromethane	*87.2*		*70-130*	*%REC*	1	5/20/2015 10:35 AM
Surr: Toluene-d8	*103*		*70-130*	*%REC*	1	5/20/2015 10:35 AM
MOISTURE			**E160.3M**			Analyst: **EVB**
Moisture	**20**		**0.050**	**% of sample**	1	5/19/2015 01:45 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: 22-May-15

Client: LT Environmental, Inc

Work Order: 1505805

Project: GRMR Durham 4-31

QC BATCH REPORT

Batch ID: **71161** Instrument ID **GC8** Method: **SW8015M**

MBLK Sample ID: **DBLKS1-71161-71161** Units: **mg/Kg** Analysis Date: **5/18/2015 05:13 PM**

Client ID: Run ID: **GC8_150518B** SeqNo: **3280132** Prep Date: **5/18/2015** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C28)	ND	5.0								
Surr: 4-Terphenyl-d14	*1.44*	0	*2*	0	*72*	*39-133*	0			

LCS Sample ID: **DLCSS1-71161-71161** Units: **mg/Kg** Analysis Date: **5/18/2015 05:43 PM**

Client ID: Run ID: **GC8_150518B** SeqNo: **3280133** Prep Date: **5/18/2015** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C28)	157.3	5.0	200	0	78.6	61-109	0			
Surr: 4-Terphenyl-d14	*1.278*	0	*2*	0	*63.9*	*39-133*	0			

MS Sample ID: **1505806-01B MS** Units: **mg/Kg** Analysis Date: **5/18/2015 06:13 PM**

Client ID: Run ID: **GC8_150518B** SeqNo: **3280134** Prep Date: **5/18/2015** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C28)	537.8	8.1	323.2	300.7	73.4	48-110	0			
Surr: 4-Terphenyl-d14	*2.229*	0	*3.232*	0	*69*	*39-133*	0			

MSD Sample ID: **1505806-01B MSD** Units: **mg/Kg** Analysis Date: **5/18/2015 06:43 PM**

Client ID: Run ID: **GC8_150518B** SeqNo: **3280135** Prep Date: **5/18/2015** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C28)	584.5	8.2	329	300.7	86.3	48-110	537.8	8.32	30	
Surr: 4-Terphenyl-d14	*2.337*	0	*3.29*	0	*71*	*39-133*	2.229	*4.72*	*30*	

The following samples were analyzed in this batch:

1505805-01B 1505805-02B 1505805-03B
1505805-04B 1505805-05B 1505805-06B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: LT Environmental, Inc
Work Order: 1505805
Project: GRMR Durham 4-31

QC BATCH REPORT

Batch ID: **71131a** Instrument ID **GC9** Method: **SW8015D**

MBLK Sample ID: **MBLK-71131-71131a** Units: **µg/Kg** Analysis Date: **5/15/2015 05:33 PM**
Client ID: Run ID: **GC9_150515A** SeqNo: **3278479** Prep Date: **5/15/2015** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	ND	2,500								
Surr: Toluene-d8	*6100*	0	*5000*	0	*122*	*50-150*	0			

LCS Sample ID: **LCS-71131-71131a** Units: **µg/Kg** Analysis Date: **5/15/2015 05:08 PM**
Client ID: Run ID: **GC9_150515A** SeqNo: **3278478** Prep Date: **5/15/2015** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	448900	2,500	500000	0	89.8	70-130	0			
Surr: Toluene-d8	*5890*	0	*5000*	0	*118*	*50-150*	0			

MS Sample ID: **1505806-01A MS** Units: **µg/Kg** Analysis Date: **5/15/2015 06:48 PM**
Client ID: Run ID: **GC9_150515A** SeqNo: **3278482** Prep Date: **5/15/2015** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	522700	2,500	500000	0	105	70-130	0			
Surr: Toluene-d8	*5988*	0	*5000*	0	*120*	*50-150*	0			

MSD Sample ID: **1505806-01A MSD** Units: **µg/Kg** Analysis Date: **5/15/2015 07:13 PM**
Client ID: Run ID: **GC9_150515A** SeqNo: **3278483** Prep Date: **5/15/2015** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	532000	2,500	500000	0	106	70-130	522700	1.78	30	
Surr: Toluene-d8	*4730*	0	*5000*	0	*94.6*	*50-150*	5988	*23.5*	*30*	

The following samples were analyzed in this batch:

1505805-01A	1505805-02A	1505805-03A
1505805-04A	1505805-05A	1505805-06A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: LT Environmental, Inc
Work Order: 1505805
Project: GRMR Durham 4-31

QC BATCH REPORT

Batch ID: **71252** Instrument ID **HG1** Method: **SW7471B**

MBLK	Sample ID: **MBLK-71252-71252**				Units: **mg/Kg**			Analysis Date: **5/19/2015 04:01 PM**		
Client ID:	Run ID: **HG1_150519A**				SeqNo: **3282217**			Prep Date: **5/19/2015**		DF: **1**
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	ND	0.020								

LCS	Sample ID: **LCS-71252-71252**				Units: **mg/Kg**			Analysis Date: **5/19/2015 04:03 PM**		
Client ID:	Run ID: **HG1_150519A**				SeqNo: **3282218**			Prep Date: **5/19/2015**		DF: **1**
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.1867	0.020	0.1665	0	112	80-120	0			

MS	Sample ID: **1505726-02AMS**				Units: **mg/Kg**			Analysis Date: **5/19/2015 04:10 PM**		
Client ID:	Run ID: **HG1_150519A**				SeqNo: **3282221**			Prep Date: **5/19/2015**		DF: **1**
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.1297	0.014	0.1199	0.001971	107	75-125	0			

MSD	Sample ID: **1505726-02AMSD**				Units: **mg/Kg**			Analysis Date: **5/19/2015 04:12 PM**		
Client ID:	Run ID: **HG1_150519A**				SeqNo: **3282222**			Prep Date: **5/19/2015**		DF: **1**
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.1281	0.014	0.1184	0.001971	107	75-125	0.1297	1.22	35	

The following samples were analyzed in this batch: 1505805-01B 1505805-03B 1505805-05B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: LT Environmental, Inc
Work Order: 1505805
Project: GRMR Durham 4-31

QC BATCH REPORT

Batch ID: **71111** Instrument ID **ICP2** Method: **SW846 6010C**

DUP Sample ID: **1505781-01CDUP** Units: **mg/L** Analysis Date: **5/19/2015 12:58 PM**
Client ID: Run ID: **ICP2_150519A** SeqNo: **3281237** Prep Date: **5/19/2015** DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Calcium	78.43	5.0	0	0	0	0-0	80.58	2.71		
Magnesium	123.1	2.0	0	0	0	0-0	125.9	2.25		
Sodium	580	2.0	0	0	0	0-0	592.3	2.1		

DUP Sample ID: **1505781-01CDUP** Units: **none** Analysis Date: **5/19/2015**
Client ID: Run ID: **SAR_150519A** SeqNo: **3281543** Prep Date: **5/19/2015** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sodium Adsorption Ratio	9.52	0.010	0	0	0		9.607	0.906	50	

The following samples were analyzed in this batch: 1505805-01B 1505805-03B 1505805-05B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: LT Environmental, Inc
Work Order: 1505805
Project: GRMR Durham 4-31

QC BATCH REPORT

Batch ID: **71148** Instrument ID **ICP2** Method: **SW846 6010C**

MBLK Sample ID: **MBLK-71148-71148** Units: **mg/L** Analysis Date: **5/18/2015 09:39 AM**
Client ID: Run ID: **ICP2_150518A** SeqNo: **3278986** Prep Date: **5/15/2015** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	ND	0.25								
Barium	ND	0.25								
Cadmium	ND	0.50								
Chromium	0.01581	0.25								J
Copper	0.04086	0.50								J
Lead	ND	0.25								
Nickel	ND	0.25								
Selenium	ND	0.50								
Silver	ND	0.25								
Zinc	ND	0.50								

LCS Sample ID: **LCS-71148-71148** Units: **mg/L** Analysis Date: **5/18/2015 09:44 AM**
Client ID: Run ID: **ICP2_150518A** SeqNo: **3278987** Prep Date: **5/15/2015** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	5.354	0.25	5	0	107	80-120	0			
Barium	5.212	0.25	5	0	104	80-120	0			
Cadmium	4.78	0.50	5	0	95.6	80-120	0			
Chromium	5.335	0.25	5	0	107	80-120	0			
Copper	5.393	0.50	5	0	108	80-120	0			
Lead	5.257	0.25	5	0	105	80-120	0			
Nickel	5.125	0.25	5	0	103	80-120	0			
Selenium	5.361	0.50	5	0	107	80-120	0			
Silver	5.174	0.25	5	0	103	80-120	0			
Zinc	5.428	0.50	5	0	109	80-120	0			

MS Sample ID: **1505876-02AMS** Units: **mg/Kg** Analysis Date: **5/18/2015 11:08 AM**
Client ID: Run ID: **ICP2_150518A** SeqNo: **3279006** Prep Date: **5/15/2015** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	18.28	0.37	7.418	9.943	112	75-125	0			
Barium	102.3	0.37	7.418	89.65	170	75-125	0			SO
Cadmium	6.458	0.74	7.418	-0.1748	89.4	75-125	0			
Copper	82.51	0.74	7.418	68.51	189	75-125	0			SO
Nickel	22.7	0.37	7.418	15.62	95.5	75-125	0			
Silver	7.007	0.37	7.418	-0.2206	97.4	75-125	0			
Zinc	88.73	0.74	7.418	77.52	151	75-125	0			SO

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: LT Environmental, Inc
Work Order: 1505805
Project: GRMR Durham 4-31

QC BATCH REPORT

Batch ID: **71148** Instrument ID **ICP2** Method: **SW846 6010C**

MS Sample ID: **1505876-02AMS** Units: **mg/Kg** Analysis Date: **5/18/2015 06:11 PM**
Client ID: Run ID: **ICP2_150518B** SeqNo: **3280030** Prep Date: **5/15/2015** DF: **2**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chromium	19.99	0.74	7.418	13.37	89.3	75-125	0			
Lead	27.99	0.74	7.418	20.24	104	75-125	0			

MSD Sample ID: **1505876-02AMSD** Units: **mg/Kg** Analysis Date: **5/18/2015 11:13 AM**
Client ID: Run ID: **ICP2_150518A** SeqNo: **3279007** Prep Date: **5/15/2015** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	16.32	0.37	7.353	9.943	86.7	75-125	18.28	11.4	20	
Barium	88.06	0.37	7.353	89.65	-21.6	75-125	102.3	14.9	20	SO
Cadmium	6.333	0.74	7.353	-0.1748	88.5	75-125	6.458	1.96	20	
Copper	63.76	0.74	7.353	68.51	-64.6	75-125	82.51	25.6	20	SRO
Nickel	19.93	0.37	7.353	15.62	58.6	75-125	22.7	13	20	S
Silver	6.759	0.37	7.353	-0.2206	94.9	75-125	7.007	3.6	20	
Zinc	73.95	0.74	7.353	77.52	-48.5	75-125	88.73	18.2	20	SO

MSD Sample ID: **1505876-02AMSD** Units: **mg/Kg** Analysis Date: **5/18/2015 06:17 PM**
Client ID: Run ID: **ICP2_150518B** SeqNo: **3280031** Prep Date: **5/15/2015** DF: **2**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chromium	18.38	0.74	7.353	13.37	68.2	75-125	19.99	8.38	20	S
Lead	26.64	0.74	7.353	20.24	87	75-125	27.99	4.93	20	

The following samples were analyzed in this batch: 1505805-01B 1505805-03B 1505805-05B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: LT Environmental, Inc
Work Order: 1505805
Project: GRMR Durham 4-31

QC BATCH REPORT

Batch ID: **71223** Instrument ID **SVMS5** Method: **SW846 8270D**

MBLK Sample ID: **SBLKS1-71223-71223** Units: **µg/Kg** Analysis Date: **5/20/2015 03:06 PM**
Client ID: Run ID: **SVMS5_150520A** SeqNo: **3284098** Prep Date: **5/19/2015** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	ND	6.7								
Anthracene	ND	6.7								
Benzo(a)anthracene	ND	6.7								
Benzo(a)pyrene	ND	6.7								
Benzo(b)fluoranthene	ND	6.7								
Benzo(k)fluoranthene	ND	6.7								
Chrysene	ND	6.7								
Dibenzo(a,h)anthracene	ND	6.7								
Fluoranthene	ND	6.7								
Fluorene	ND	6.7								
Indeno(1,2,3-cd)pyrene	ND	6.7								
Naphthalene	ND	6.7								
Pyrene	ND	6.7								
Surr: 2-Fluorobiphenyl	*1457*	0	*1667*	0	*87.4*	*12-100*	0			
Surr: 4-Terphenyl-d14	*1794*	0	*1667*	0	*108*	*25-137*	0			
Surr: Nitrobenzene-d5	*1464*	0	*1667*	0	*87.8*	*37-107*	0			

LCS Sample ID: **SLCSS1-71223-71223** Units: **µg/Kg** Analysis Date: **5/20/2015 03:27 PM**
Client ID: Run ID: **SVMS5_150520A** SeqNo: **3284099** Prep Date: **5/19/2015** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	591.7	6.7	666.7	0	88.7	45-110	0			
Anthracene	616	6.7	666.7	0	92.4	55-105	0			
Benzo(a)anthracene	616.7	6.7	666.7	0	92.5	50-110	0			
Benzo(a)pyrene	592	6.7	666.7	0	88.8	50-110	0			
Benzo(b)fluoranthene	611	6.7	666.7	0	91.6	45-115	0			
Benzo(k)fluoranthene	630	6.7	666.7	0	94.5	45-115	0			
Chrysene	592.3	6.7	666.7	0	88.8	55-110	0			
Dibenzo(a,h)anthracene	580.7	6.7	666.7	0	87.1	40-125	0			
Fluoranthene	634.3	6.7	666.7	0	95.1	55-115	0			
Fluorene	608.3	6.7	666.7	0	91.2	50-110	0			
Indeno(1,2,3-cd)pyrene	564	6.7	666.7	0	84.6	40-120	0			
Naphthalene	427.7	6.7	666.7	0	64.1	40-105	0			
Pyrene	671.3	6.7	666.7	0	101	45-125	0			
Surr: 2-Fluorobiphenyl	*1428*	0	*1667*	0	*85.7*	*12-100*	0			
Surr: 4-Terphenyl-d14	*1817*	0	*1667*	0	*109*	*25-137*	0			
Surr: Nitrobenzene-d5	*1430*	0	*1667*	0	*85.8*	*37-107*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: LT Environmental, Inc
Work Order: 1505805
Project: GRMR Durham 4-31

QC BATCH REPORT

Batch ID: **71223** Instrument ID **SVMS5** Method: **SW846 8270D**

MS Sample ID: **1505876-07A MS** Units: **µg/Kg** Analysis Date: **5/19/2015 06:32 PM**
Client ID: Run ID: **SVMS5_150519A** SeqNo: **3283739** Prep Date: **5/19/2015** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	975.5	13	1298	0	75.1	45-110	0			
Anthracene	1069	13	1298	0	82.3	55-105	0			
Benzo(a)anthracene	1106	13	1298	0	85.2	50-110	0			
Benzo(a)pyrene	1122	13	1298	0	86.4	50-110	0			
Benzo(b)fluoranthene	1175	13	1298	0	90.5	45-115	0			
Benzo(k)fluoranthene	1149	13	1298	0	88.5	45-115	0			
Chrysene	1091	13	1298	0	84	55-110	0			
Dibenzo(a,h)anthracene	1136	13	1298	0	87.5	40-125	0			
Fluoranthene	1205	13	1298	8.525	92.1	55-115	0			
Fluorene	1068	13	1298	0	82.2	50-110	0			
Indeno(1,2,3-cd)pyrene	1114	13	1298	0	85.8	40-120	0			
Naphthalene	679.6	13	1298	0	52.3	40-105	0			
Pyrene	1168	13	1298	0	89.9	45-125	0			
Surr: 2-Fluorobiphenyl	*2185*	0	*3245*	0	*67.3*	*12-100*	0			
Surr: 4-Terphenyl-d14	*3139*	0	*3245*	0	*96.7*	*25-137*	0			
Surr: Nitrobenzene-d5	*2267*	0	*3245*	0	*69.9*	*37-107*	0			

MSD Sample ID: **1505876-07A MSD** Units: **µg/Kg** Analysis Date: **5/19/2015 06:54 PM**
Client ID: Run ID: **SVMS5_150519A** SeqNo: **3283740** Prep Date: **5/19/2015** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	1047	13	1325	0	79	45-110	975.5	7.07	30	
Anthracene	1123	13	1325	0	84.7	55-105	1069	4.89	30	
Benzo(a)anthracene	1111	13	1325	0	83.8	50-110	1106	0.415	30	
Benzo(a)pyrene	1113	13	1325	0	83.9	50-110	1122	0.862	30	
Benzo(b)fluoranthene	1183	13	1325	0	89.3	45-115	1175	0.682	30	
Benzo(k)fluoranthene	1116	13	1325	0	84.2	45-115	1149	2.91	30	
Chrysene	1087	13	1325	0	82	55-110	1091	0.336	30	
Dibenzo(a,h)anthracene	1094	13	1325	0	82.5	40-125	1136	3.81	30	
Fluoranthene	1170	13	1325	8.525	87.6	55-115	1205	2.95	30	
Fluorene	1099	13	1325	0	82.9	50-110	1068	2.86	30	
Indeno(1,2,3-cd)pyrene	1098	13	1325	0	82.8	40-120	1114	1.43	30	
Naphthalene	710.4	13	1325	0	53.6	40-105	679.6	4.43	30	
Pyrene	1195	13	1325	0	90.2	45-125	1168	2.35	30	
Surr: 2-Fluorobiphenyl	*2372*	0	*3313*	0	*71.6*	*12-100*	2185	*8.2*	*40*	
Surr: 4-Terphenyl-d14	*3189*	0	*3313*	0	*96.3*	*25-137*	3139	*1.57*	*40*	
Surr: Nitrobenzene-d5	*2433*	0	*3313*	0	*73.4*	*37-107*	2267	*7.07*	*40*	

The following samples were analyzed in this batch: 1505805-01B 1505805-03B 1505805-05B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: LT Environmental, Inc
Work Order: 1505805
Project: GRMR Durham 4-31

QC BATCH REPORT

Batch ID: **71130** Instrument ID **VMS7** Method: **SW8260B**

MBLK Sample ID: **MBLK-71130-71130** Units: **µg/Kg** Analysis Date: **5/15/2015 04:53 PM**
Client ID: Run ID: **VMS7_150515A** SeqNo: **3277772** Prep Date: **5/15/2015** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	ND	30								
Ethylbenzene	ND	30								
m,p-Xylene	ND	60								
o-Xylene	ND	30								
Toluene	ND	30								
Xylenes, Total	ND	90								
Surr: 1,2-Dichloroethane-d4	*1004*	0	*1000*	0	*100*	*70-130*	0			
Surr: 4-Bromofluorobenzene	*987.5*	0	*1000*	0	*98.8*	*70-130*	0			
Surr: Dibromofluoromethane	*992.5*	0	*1000*	0	*99.2*	*70-130*	0			
Surr: Toluene-d8	*996*	0	*1000*	0	*99.6*	*70-130*	0			

LCS Sample ID: **LCS-71130-71130** Units: **µg/Kg** Analysis Date: **5/15/2015 02:48 PM**
Client ID: Run ID: **VMS7_150515A** SeqNo: **3277770** Prep Date: **5/15/2015** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	1044	30	1000	0	104	75-125	0			
Ethylbenzene	992.5	30	1000	0	99.2	75-125	0			
m,p-Xylene	2004	60	2000	0	100	80-125	0			
o-Xylene	974.5	30	1000	0	97.4	75-125	0			
Toluene	1042	30	1000	0	104	70-125	0			
Xylenes, Total	2978	90	3000	0	99.3	75-125	0			
Surr: 1,2-Dichloroethane-d4	*1004*	0	*1000*	0	*100*	*70-130*	0			
Surr: 4-Bromofluorobenzene	*1008*	0	*1000*	0	*101*	*70-130*	0			
Surr: Dibromofluoromethane	*1009*	0	*1000*	0	*101*	*70-130*	0			
Surr: Toluene-d8	*988.5*	0	*1000*	0	*98.8*	*70-130*	0			

The following samples were analyzed in this batch:

1505805-01A	1505805-02A	1505805-03A
1505805-04A	1505805-05A	1505805-06A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: LT Environmental, Inc
Work Order: 1505805
Project: GRMR Durham 4-31

QC BATCH REPORT

Batch ID: **71111** Instrument ID **WETCHEM** Method: **USDA H60 Metho**

DUP Sample ID: **1505781-01C DUP** Units: **mmhos/cm @25°** Analysis Date: **5/20/2015 11:55 AM**

Client ID: Run ID: **WETCHEM_150520E** SeqNo: **3283418** Prep Date: **5/19/2015** DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Electrical Conductivity @ Saturation	4.42	0.050	0	0	0		4.39	0.681	50	

The following samples were analyzed in this batch: 1505805-01B 1505805-03B 1505805-05B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: LT Environmental, Inc
Work Order: 1505805
Project: GRMR Durham 4-31

QC BATCH REPORT

Batch ID: **71205** Instrument ID **WETCHEM** Method: **SW9045D**

LCS Sample ID: **LCS-71205-71205** Units: **s.u.** Analysis Date: **5/18/2015 04:00 PM**
Client ID: Run ID: **WETCHEM_150518K** SeqNo: **3279807** Prep Date: **5/18/2015** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	3.93	0	4	0	98.2	90-110	0			

DUP Sample ID: **1505806-02B DUP** Units: **s.u.** Analysis Date: **5/18/2015 04:00 PM**
Client ID: Run ID: **WETCHEM_150518K** SeqNo: **3279811** Prep Date: **5/18/2015** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	7.47	0	0	0	0	0-0	7.33	1.89	20	

DUP Sample ID: **1505910-01B DUP** Units: **s.u.** Analysis Date: **5/18/2015 04:00 PM**
Client ID: Run ID: **WETCHEM_150518K** SeqNo: **3279820** Prep Date: **5/18/2015** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	8.74	0	0	0	0	0-0	8.71	0.344	20	

The following samples were analyzed in this batch: 1505805-01B 1505805-03B 1505805-05B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: LT Environmental, Inc
Work Order: 1505805
Project: GRMR Durham 4-31

QC BATCH REPORT

Batch ID: **71258** Instrument ID **WETCHEM** Method: **SW7196A**

MBLK Sample ID: **MBLK-71258-71258** Units: **mg/Kg** Analysis Date: **5/19/2015 04:00 PM**
Client ID: Run ID: **WETCHEM_150519R** SeqNo: **3282361** Prep Date: **5/18/2015** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chromium, Hexavalent	ND	1.0								

LCS Sample ID: **LCS-71258-71258** Units: **mg/Kg** Analysis Date: **5/19/2015 04:00 PM**
Client ID: Run ID: **WETCHEM_150519R** SeqNo: **3282360** Prep Date: **5/18/2015** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chromium, Hexavalent	4.39	1.0	5	0	87.8	80-120	0			

MS Sample ID: **1505874-01B MS** Units: **mg/Kg** Analysis Date: **5/19/2015 04:00 PM**
Client ID: Run ID: **WETCHEM_150519R** SeqNo: **3282357** Prep Date: **5/18/2015** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chromium, Hexavalent	4	1.0	5	0	80	75-125	0			

MS Sample ID: **1505874-01B MSI** Units: **mg/Kg** Analysis Date: **5/19/2015 04:00 PM**
Client ID: Run ID: **WETCHEM_150519R** SeqNo: **3282359** Prep Date: **5/18/2015** DF: **100**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chromium, Hexavalent	2575	99	2660	0	96.8	75-125	0			

MSD Sample ID: **1505874-01B MSD** Units: **mg/Kg** Analysis Date: **5/19/2015 04:00 PM**
Client ID: Run ID: **WETCHEM_150519R** SeqNo: **3282358** Prep Date: **5/18/2015** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chromium, Hexavalent	4.697	1.0	5.051	0	93	75-125	4	16	20	

The following samples were analyzed in this batch: 1505805-01B 1505805-03B 1505805-05B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: LT Environmental, Inc
Work Order: 1505805
Project: GRMR Durham 4-31

QC BATCH REPORT

Batch ID: **R163763** Instrument ID **MOIST** Method: **E160.3M**

MBLK Sample ID: **WBLKS-R163763** Units: **% of sample** Analysis Date: **5/19/2015 01:45 PM**
Client ID: Run ID: **MOIST_150519A** SeqNo: **3283226** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	ND	0.050								

LCS Sample ID: **LCS-R163763** Units: **% of sample** Analysis Date: **5/19/2015 01:45 PM**
Client ID: Run ID: **MOIST_150519A** SeqNo: **3283225** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	100	0.050	100	0	100	99.5-100.5	0			

DUP Sample ID: **1505379-13A DUP** Units: **% of sample** Analysis Date: **5/19/2015 01:45 PM**
Client ID: Run ID: **MOIST_150519A** SeqNo: **3283206** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	18.07	0.050	0	0	0		18.36	1.59	20	

DUP Sample ID: **1505805-01B DUP** Units: **% of sample** Analysis Date: **5/19/2015 01:45 PM**
Client ID: **CS01** Run ID: **MOIST_150519A** SeqNo: **3283217** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	24.08	0.050	0	0	0		24.29	0.868	20	

The following samples were analyzed in this batch:

1505805-01B	1505805-02B	1505805-03B
1505805-04B	1505805-05B	1505805-06B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

1505805

ALS Laboratory Group

CHAIN OF CUSTODY

Failure to complete all section of this form may delay analysis.

COC number (for client tracking)

Page 1 of 1

CLIENT CONTACT AND REPORTING INFORMATION		INVOICE ADDRESS (if other than reporting address)	
Company Name:	LT Environental Inc.	Company Name:	SAME
Project Manager:	Rob Fishburn	Contact Name:	SAME
Address:	820 Megan Avenue	Address:	SAME
	Rifle CO, 81650		
Phone:	970.285.9985	**PROJECT INFORMATION**	
Email 1:	rfishburn@ltenv.com	Project ID:	Gene
Email 2:	dheld@ltenv.com	Site:	Durham 431
SERVICE REQUEST (Express services subject to availability)		PO No:	058115002 . 001
☑ Regular (default)		ALS Quote No:	NA
☐ Express	(Pls specify date required _____) (express fee will apply)		

ALS ID #	SAMPLE IDENTIFICATION (this description will appear on report)	MATRIX (a)	SAMPLING AND CONTAINER INFO Date	Time	Tot Bottle	REMARKS	BTEX	TPH GRO/DRO	Table 910-1 PAHs 8270 SIM	EC	PH	SAR	Table 910-1 Metals: AS, Ba, Cd, CR III, Cr VI, Cu, Pb, Hg, Ni, Se, Ag, Zn
1	CS01	S	5/12/15	1020	2	3'	X	X	X	X	X	X	X
2	CS02	S	5/12/15	1040	2	3'	X	X					
3	CS03	S	5/12/15	1120	2	3'	X	X	X	X	X	X	X
4	CS04	S	5/12/15	1150	2	3'	X	X					
5	CS05	S	5/12/15	1220	2	3'	X	X	X	X	X	X	X
6	CS06	S	5/12/15	1250	2	3'	X	X					

CROSS THE REQUESTED ANALYSIS

CLIENT SIGNATURES

Client's Signature:

Client's Date and Time of Completion: 5/13/15 1000

For lab use only

Cooler Security Seal	Sample Temp	No of Cooler Received	Received by (lab)	Date and Time
☐ sealed	☐ chilled 6.6 deg C	carton / cooler box		5/14/15 0930
☐ broken	☐ ambient	Courier Name: ALS	Committed by	Date and Time
☐ not available				

Note: (a) DW (Drinking water), SW (Surface water), GW (Ground water), WW (Waste water), S (Soil), SL (Sludge), SE (Sediment), OS (Other solid material)

ALS Technichem (HK) Pty Ltd Address: 11/F, Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T., Hong Kong Tel: +852 2610 1044 Fax: +852 2610 2021 Email: HongKong@alsglobal.com

From: (616) 298-1033
Nick Martinez
ALS Environmental
127 E. 1st Street

PARACHUTE, CO 81635

Origin ID: RILA

FedEx Express

J151215022303uv

Ship Date: 13MAY15
ActWgt: 50.0 LB
CAD: 2264840/INET3610

Dims: 24 X 15 X 15 IN

Delivery Address Bar Code

Ref # 051315-1
Invoice #
PO # Parachute
Dept #

SHIP TO: (616) 399-6070 BILL SENDER

sample receiving
ALS Laboratory Group
3352 128TH AVE

HOLLAND, MI 49424

2 of 2

MPS# 7735 9825 1758
0263

Mstr# 7735 9825 1368 0201

XX HLMA

THU - 14 MAY 10:30A
PRIORITY OVERNIGHT

49424
MI-US
GRR

537J3/C918/EE4B

After printing this label:

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of $10 e, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pa charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. You om FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, an forms mage whether direct, incidental, consequential, or special is limited to the greater of $100 or the authorized declared valu overy, of ave cumented loss. Maximum for items of extraordinary value is $1,000, e.g. jewelry, precious metals, ne s listed in our ServiceGuide. Written claims must be filed within strict time limits, see current Fed

ALS Parachute Custody Seal
Time 1130 Date 5-13-15
Name

ALS Group USA, Corp

Sample Receipt Checklist

Client Name: **LTENV** Date/Time Received: **14-May-15 09:30**

Work Order: **1505805** Received by: **KRW**

Checklist completed by Keith Wierenga (eSignature) 14-May-15 (Date) Reviewed by: Chad Whelton (eSignature) 14-May-15 (Date)

Matrices: Soil

Carrier name: FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☐	No ☑	
Sample(s) received on ice?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	1.6 C	SR2	
Cooler(s)/Kit(s):			
Date/Time sample(s) sent to storage:	5/14/2015 3:21:10 PM		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:	-		

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

Test Report

eANALYTICS
LABORATORY

September 17, 2015

Client:	LT Environmental, Inc.
Project:	Durham 4-31 Soil Remediation
Lab ID:	3911
Date Samples Received:	9/17/2015
Number of Samples:	3
Sample Condition:	Samples arrived intact and in appropriate sample containers
Sample Temperature:	Within acceptable range of 2-6° C, or as specified in EPA Method

The quality control procedures associated with the requested analyses were satisfactorily passed before the samples were run.

Thank you for allowing eAnalytics Laboratory to provide laboratory services for you.

Sincerely,

Christopher Dieken
Quality Assurance Manager

Todd Rhea
Laboratory Manager

Chain of Custody

eANALYTICS LABORATORY

Chain of Custody Form

eANALYTICS LABORATORY

1767 Rocky Mountain Avenue Loveland CO 80538 | Phone: (970) 667-6975 | Fax: (970) 669-0941 | www.eAnalyticsLab.com

CLIENT INFORMATION (*New Clients please fill out completely)

Company: LT Environmental, Inc.

Project: Durham 4-31 Soil Remediation

Project Manager: Rob Fishburn

Sampler: Dustin Hein

Phone/Email: ~~303-433-9788~~ ~~970-285-9185~~ rfishburn@lt-env.com dhein@lt-env.com

Address: ~~4600 West 60th Avenue~~ ~~Arvada, CO 80003~~ 820 Megan Ave Unit B Rifle, CO 81650

ANALYSIS INFORMATION (Select analysis by checking box on corresponding sample line)

Lab ID	Sample Name	Sampling Date/Time	Number of Containers	Matrix (S) Soil (W) Water (V) Vapor (O) Other	BTEX / GRO (EPA 8260)	DRO (EPA 8015)	BTEX / MTBE / NAPH / GRO (EPA8260)	Sodium Absorption Ratio (EPA 6010)	Conductivity (EPA 9050)	Vapor BTEX / GRO (EPA TO-14)	RCRA-8 Metals (Total / TCLP / Dis)	React. / Ignit. / Corrosivity / Paint Filter	pH (Solid / Liquid)	Full VOC (EPA 8260)	Semi-Volatiles (Full List / PAH's)	PCB's / Pesticides / Herbicides	Other Analysis
1	20150914-SS#1	9/14/15 1444 AM/PM	1	S	X	X											
2	20150915-SS#2	9/14/15 1450 AM/PM	1	S	X	X											
3	20150915-SS#3	9/14/15 1500 AM/PM	1	S	X	X											

Comments: * 24 Hour TAT *

Turnaround Time (Business Days)

TAT begins when sample is received by eANALYTICS

- ○ Normal (5-10 Days)
- ○ 3 Day (1.25x)
- ○ 2 Day (1.5x)
- ○ 1 Day (2x)
- ☒ Same Day (3x)

Rush analysis requires an extra charge. If possible please inform eANALYTICS in advance for rush analysis.

For eANALYTICS Use

Samples Received Intact: (Yes) / No

Received Within Temperature Range (2-6°C): (Yes) / No

Sample Preservative: (Ice) / None — Acid / Other

Record of Custody

Relinquished by: D H Date 9/17/15

Company: LT Environmental Time 0900

Received by: Tracy Chrisman Date 9/17/15

Company: GRMR Oil Gas Time 6:36 PM

Relinquished by: Date

Company: Time

Received by: Date 9/17/15

Company: eANALYTICS Time 11:23 AM

WO # 3911

eANALYTICS: Environmental testing made Easy

Page 1 of 1

eANALYTICS
LABORATORY

Client:	LT Environmental, Inc.	Lab ID:	3911
Project:	Durham 4-31 Soil Remediation		
Analysis:	BTEX / TVPH TEPH	Method:	EPA8260 EPA8015

Sample Name	Benzene mg/kg	Toluene mg/kg	Ethyl-benzene mg/kg	Total Xylenes mg/kg	TVPH mg/kg	TEPH mg/kg	Date Sampled	Date Analyzed	Lab ID	
20150914-SS01	<0.010	<0.010	<0.010	<0.010	< 50	< 50	09/16/15	09/17/15	3911	1
20150915-SS02	<0.010	<0.010	0.016	0.063	< 50	87.4	09/16/15	09/17/15	3911	2
20150915-SS03	<0.010	<0.010	<0.010	0.027	< 50	50.6	09/16/15	09/17/15	3911	3

Soil
Quality Control - Surrogate Recoveries

eANALYTICS LABORATORY

Client:	LT Environmental, Inc.	Lab ID:	3911
Project:	Durham 4-31 Soil Remediation	Method:	EPA8260

Sample Name	Dibromo-fluoromethane % Recovery	1,2 Dichloro-ethane-D4 % Recovery	Toluene-D8 % Recovery	4-Bromo-fluorobenzene % Recovery	Date Sampled	Date Analyzed	Lab ID	
20150914-SS01	92	91	100	102	09/16/15	09/17/15	3911	1
20150915-SS02	94	105	91	102	09/16/15	09/17/15	3911	2
20150915-SS03	104	93	99	98	09/16/15	09/17/15	3911	3

Soil
Quality Control - Analyses

eANALYTICS LABORATORY

Client:	LT Environmental, Inc.	Lab ID:	3911
Project:	Durham 4-31 Soil Remediation		
Analysis:	BTEX / TVPH TEPH	Method:	EPA8260 EPA8015

Sample Name	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TVPH	TEPH	Date Analyzed		Lab ID	
	% Rec	% Rec	% Rec	% Rec	% Rec	% Rec				
Laboratory Control Sample	89	93	104	93	95	107	09/17/15	LCS	3911	1
(70-130%)										
Method Blank	< 0.010	< 0.010	< 0.010	< 0.010	< 50	< 50	09/17/15	MB	3911	1
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg				

Test Report

eANALYTICS LABORATORY

September 21, 2015

Client:	LT Environmental
Project:	Durham 4-31 Soil Remediation
Lab ID:	3915
Date Samples Received:	9/18/2015
Number of Samples:	1
Sample Condition:	Samples arrived intact and in appropriate sample containers
Sample Temperature:	Within acceptable range of 2-6° C, or as specified in EPA Method

The quality control procedures associated with the requested analyses were satisfactorily passed before the samples were run.

Thank you for allowing eAnalytics Laboratory to provide laboratory services for you.

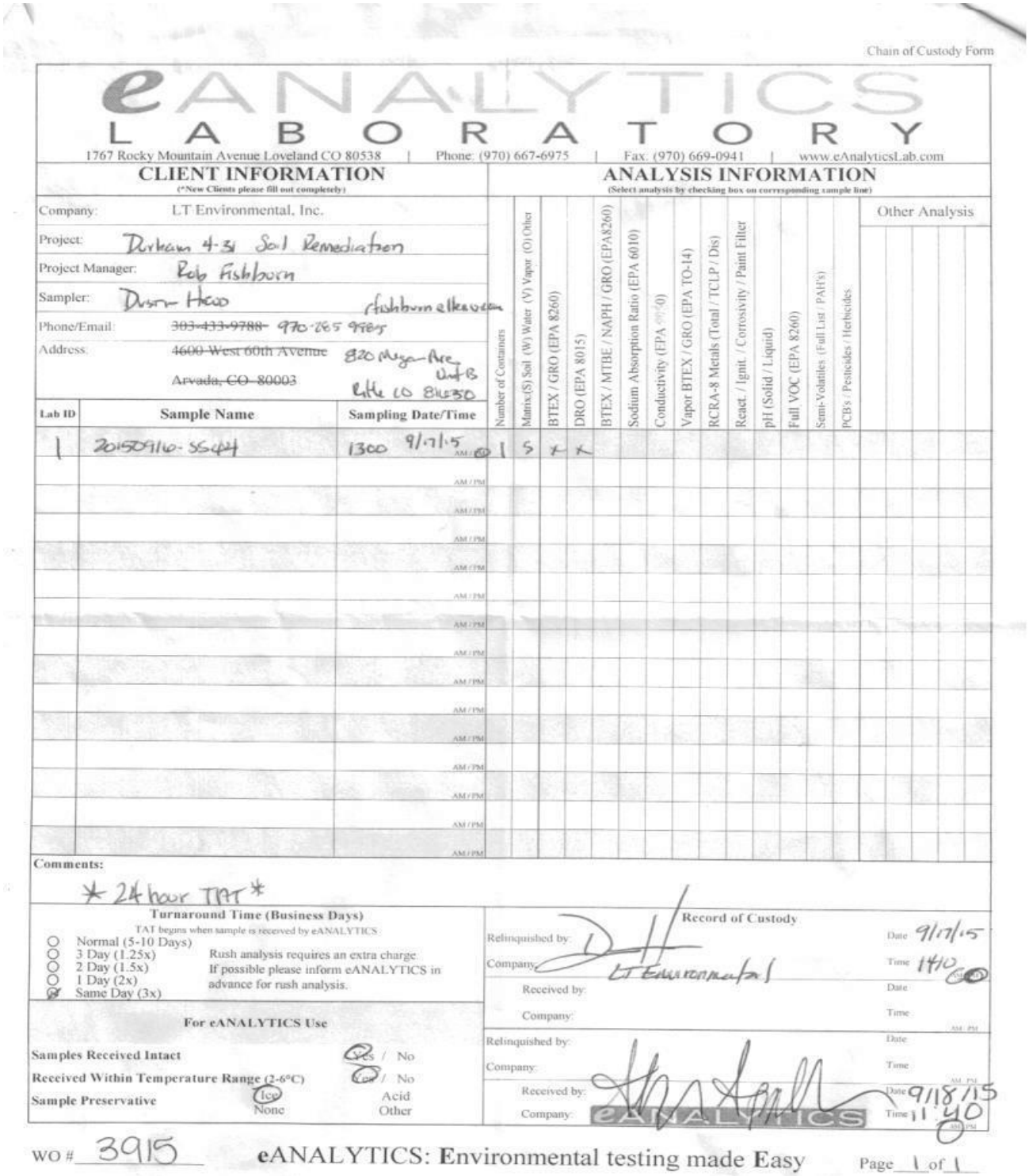
Sincerely,

Christopher Dieken
Quality Assurance Manager

Todd Rhea
Laboratory Manager

Chain of Custody

eANALYTICS LABORATORY



Chain of Custody Form

eANALYTICS LABORATORY

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CLIENT INFORMATION (*New Clients please fill out completely)

Company: LT Environmental, Inc.

Project: Durham 4-31 Soil Remediation

Project Manager: Rob Fishburn

Sampler: Dustin Hood rfishburn@ltenv.com

Phone/Email: ~~303-433-9788~~ 970-285-9485

Address: ~~4600 West 60th Avenue~~ 820 Mega Ave Unit B
~~Arvada, CO 80003~~ Erie CO 80530

ANALYSIS INFORMATION (Select analysis by checking box on corresponding sample line)

Lab ID	Sample Name	Sampling Date/Time	Number of Containers	Matrix (S) Soil (W) Water (V) Vapor (O) Other	BTEX / GRO (EPA 8260)	DRO (EPA 8015)	BTEX / MTBE / NAPH / GRO (EPA8260)	Sodium Absorption Ratio (EPA 6010)	Conductivity (EPA 9050)	Vapor BTEX / GRO (EPA TO-14)	RCRA-8 Metals (Total / TCLP / Dis)	React. / Ignit. / Corrosivity / Paint Filter	pH (Solid / Liquid)	Full VOC (EPA 8260)	Semi-Volatiles (Full List / PAH's)	PCB's / Pesticides / Herbicides	Other Analysis
1	20150916-SS#4	1300 9/17/15 AM/PM	1	S	X	X											
		AM/PM															
		AM/PM															
		AM/PM															
		AM/PM															
		AM/PM															
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		AM/PM															
		AM/PM															

Comments:

* 24 hour TAT *

Turnaround Time (Business Days)

TAT begins when sample is received by eANALYTICS

- ○ Normal (5-10 Days)
- ○ 3 Day (1.25x)
- ○ 2 Day (1.5x)
- ○ 1 Day (2x)
- ☒ Same Day (3x)

Rush analysis requires an extra charge. If possible please inform eANALYTICS in advance for rush analysis.

For eANALYTICS Use

Samples Received Intact: Yes / No

Received Within Temperature Range (2-6°C): Yes / No

Sample Preservative: Ice None Acid Other

Record of Custody

Relinquished by: Company: LT Environmental Date 9/17/15 Time 1410

Received by: Company: Date Time

Relinquished by: Company: Date Time

Received by: Company: eANALYTICS Date 9/18/15 Time 11:40

WO # 3915

eANALYTICS: Environmental testing made Easy

Page 1 of 1

eANALYTICS
LABORATORY

Client:	LT Environmental	Lab ID:	3915
Project:	Durham 4-31 Soil Remediation		
Analysis:	BTEX / TVPH TEPH	Method:	EPA8260 EPA8015

Sample Name	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TVPH	TEPH	Date Sampled	Date Analyzed	Lab ID	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg				
20150916-SS04	<0.010	<0.010	<0.010	0.032	< 50	171	09/17/15	09/18/15	3915	1

Soil
Quality Control - Surrogate Recoveries

eANALYTICS LABORATORY

Client:	LT Environmental	Lab ID:	3915
Project:	Durham 4-31 Soil Remediation	Method:	EPA8260

Sample Name	Dibromo-fluoromethane % Recovery	1,2 Dichloro-ethane-D4 % Recovery	Toluene-D8 % Recovery	4-Bromo-fluorobenzene % Recovery	Date Sampled	Date Analyzed	Lab ID	
20150916-SS04	89	99	98	97	09/17/15	09/18/15	3915	1

Soil
Quality Control - Analyses

eANALYTICS LABORATORY

Client:	LT Environmental	Lab ID:	3915
Project:	Durham 4-31 Soil Remediation		
Analysis:	BTEX / TVPH TEPH	Method:	EPA8260 EPA8015

Sample Name	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TVPH	TEPH	Date Analyzed		Lab ID
	% Rec	% Rec	% Rec	% Rec	% Rec	% Rec			
Laboratory Control Sample	93	96	88	102	102	100	09/18/15	LCS	3915 1
(70-130%)									
Method Blank	< 0.010	< 0.010	< 0.010	< 0.010	< 50	< 50	09/18/15	MB	3915 1
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg			

Test Report

eANALYTICS
LABORATORY

September 23, 2015

Client:	LT Environmental
Project:	Durham 4-31 Soil Remediation
Lab ID:	3931
Date Samples Received:	9/22/2015
Number of Samples:	4
Sample Condition:	Samples arrived intact and in appropriate sample containers
Sample Temperature:	Within acceptable range of 2-6° C, or as specified in EPA Method

The quality control procedures associated with the requested analyses were satisfactorily passed before the samples were run.

Thank you for allowing eAnalytics Laboratory to provide laboratory services for you.

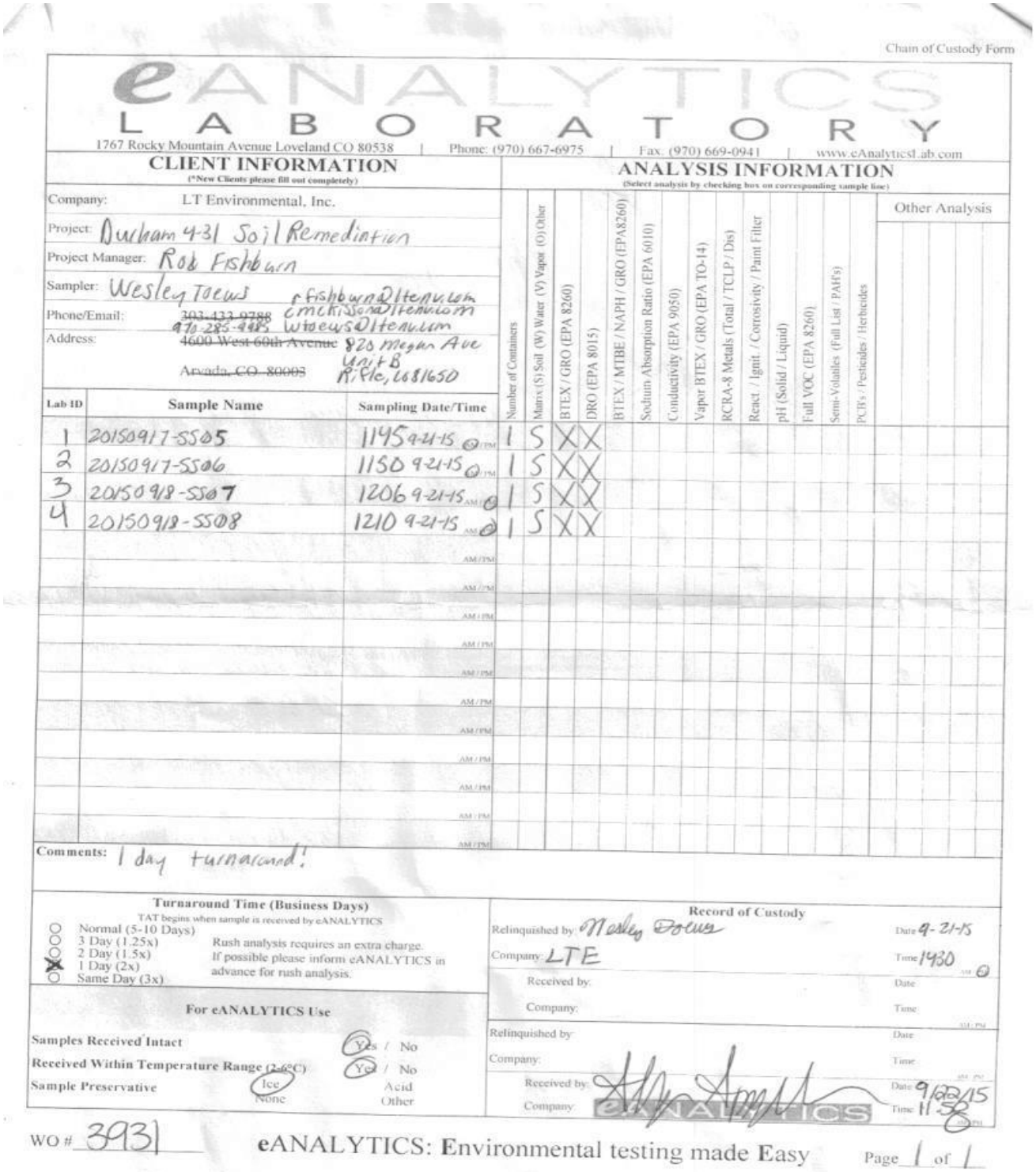
Sincerely,

Christopher Dieken
Quality Assurance Manager

Todd Rhea
Laboratory Manager

Chain of Custody

eANALYTICS LABORATORY



Chain of Custody Form

eANALYTICS LABORATORY

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CLIENT INFORMATION (*New Clients please fill out completely)

Company: LT Environmental, Inc.

Project: Durham 4-31 Soil Remediation

Project Manager: Rob Fishburn

Sampler: Wesley Toews

Phone/Email: ~~303-433-9788~~ 970-285-9485 wtoews@ltenv.com

Address: ~~4600 West 60th Avenue~~ Arvada, CO 80003 820 Megan Ave Unit B Rifle, CO 81650

ANALYSIS INFORMATION (Select analysis by checking box on corresponding sample line)

Lab ID	Sample Name	Sampling Date/Time	Number of Containers	Matrix (S) Soil (W) Water (V) Vapor (O) Other	BTEX / GRO (EPA 8260)	DRO (EPA 8015)	BTEX / MTBE / NAPH / GRO (EPA8260)	Sodium Absorption Ratio (EPA 6010)	Conductivity (EPA 9050)	Vapor BTEX / GRO (EPA TO-14)	RCRA-8 Metals (Total / TCLP / Dis)	React / Ignit. / Corrosivity / Paint Filter	pH (Solid / Liquid)	Full VOC (EPA 8260)	Semi-Volatiles (Full List / PAH's)	PCB's / Pesticides / Herbicides	Other Analysis
1	20150917-SS05	1145 9-21-15 AM/PM	1	S	X	X											
2	20150917-SS06	1150 9-21-15 AM/PM	1	S	X	X											
3	20150918-SS07	1206 9-21-15 AM/PM	1	S	X	X											
4	20150918-SS08	1210 9-21-15 AM/PM	1	S	X	X											

Comments: 1 day turnaround!

Turnaround Time (Business Days)

TAT begins when sample is received by eANALYTICS

- ○ Normal (5-10 Days)
- ○ 3 Day (1.25x)
- ○ 2 Day (1.5x)
- ☒ 1 Day (2x)
- ○ Same Day (3x)

Rush analysis requires an extra charge. If possible please inform eANALYTICS in advance for rush analysis.

Record of Custody

Relinquished by: Wesley Toews Date: 9-21-15

Company: LTE Time: 1430

Received by: Date:

Company: Time:

Relinquished by: Date:

Company: Time:

Received by: Date: 9/22/15

Company: eANALYTICS Time: 11:58

For eANALYTICS Use

Samples Received Intact: Yes / No

Received Within Temperature Range (2-6°C): Yes / No

Sample Preservative: Ice / None / Acid / Other

WO # 3931

eANALYTICS: Environmental testing made Easy

Page 1 of 1

eANALYTICS
LABORATORY

Client:	LT Environmental	Lab ID:	3931
Project:	Durham 4-31 Soil Remediation		
Analysis:	BTEX / TPH-GRO TPH-DRO	Method:	EPA8260 EPA8015

Sample Name	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-GRO	TPH-DRO	Date Sampled	Date Analyzed	Lab ID	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg				
20150917-SS05	<0.010	<0.010	<0.010	<0.010	<50.0	95.0	09/21/15	09/22/15	3931	1
20150917-SS06	<0.010	<0.010	<0.010	<0.010	<50.0	148	09/21/15	09/22/15	3931	2
20150918-SS07	<0.010	<0.010	<0.010	0.010	<50.0	66.9	09/21/15	09/22/15	3931	3
20150918-SS08	<0.010	<0.010	<0.010	<0.010	<50.0	97.8	09/21/15	09/22/15	3931	4

Soil
Quality Control - Surrogate Recoveries

eANALYTICS LABORATORY

Client:	LT Environmental	Lab ID:	3931
Project:	Durham 4-31 Soil Remediation	Method:	EPA8260

Sample Name	Dibromo-fluoromethane % Recovery	1,2 Dichloro-ethane-D4 % Recovery	Toluene-D8 % Recovery	4-Bromo-fluorobenzene % Recovery	Date Sampled	Date Analyzed	Lab ID	
20150917-SS05	96	93	97	101	09/21/15	09/22/15	3931	1
20150917-SS06	96	99	96	96	09/21/15	09/22/15	3931	2
20150918-SS07	97	95	94	99	09/21/15	09/22/15	3931	3
20150918-SS08	100	95	91	93	09/21/15	09/22/15	3931	4

Soil
Quality Control - Analyses

eANALYTICS LABORATORY

Client:	LT Environmental	Lab ID:	3931
Project:	Durham 4-31 Soil Remediation		
Analysis:	BTEX / TPH-GRO TPH-DRO	Method:	EPA8260 EPA8015

Sample Name	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-GRO	TPH-DRO	Date Analyzed		Lab ID
	% Rec	% Rec	% Rec	% Rec	% Rec	% Rec			
Laboratory Control Sample	107	100	90	105	94	90	09/22/15	LCS	3931 1
(70-130%)									
Method Blank	< 0.010	< 0.010	< 0.010	< 0.010	< 50.0	< 50.0	09/22/15	MB	3931 1
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg			

Test Report

eANALYTICS
LABORATORY

September 25, 2015

Client:	LT Environmental
Project:	Durham 4-31 Soil Remediation
Lab ID:	3941
Date Samples Received:	9/24/2015
Number of Samples:	2
Sample Condition:	Samples arrived intact and in appropriate sample containers
Sample Temperature:	Within acceptable range of 2-6° C, or as specified in EPA Method

The quality control procedures associated with the requested analyses were satisfactorily passed before the samples were run.

Thank you for allowing eAnalytics Laboratory to provide laboratory services for you.

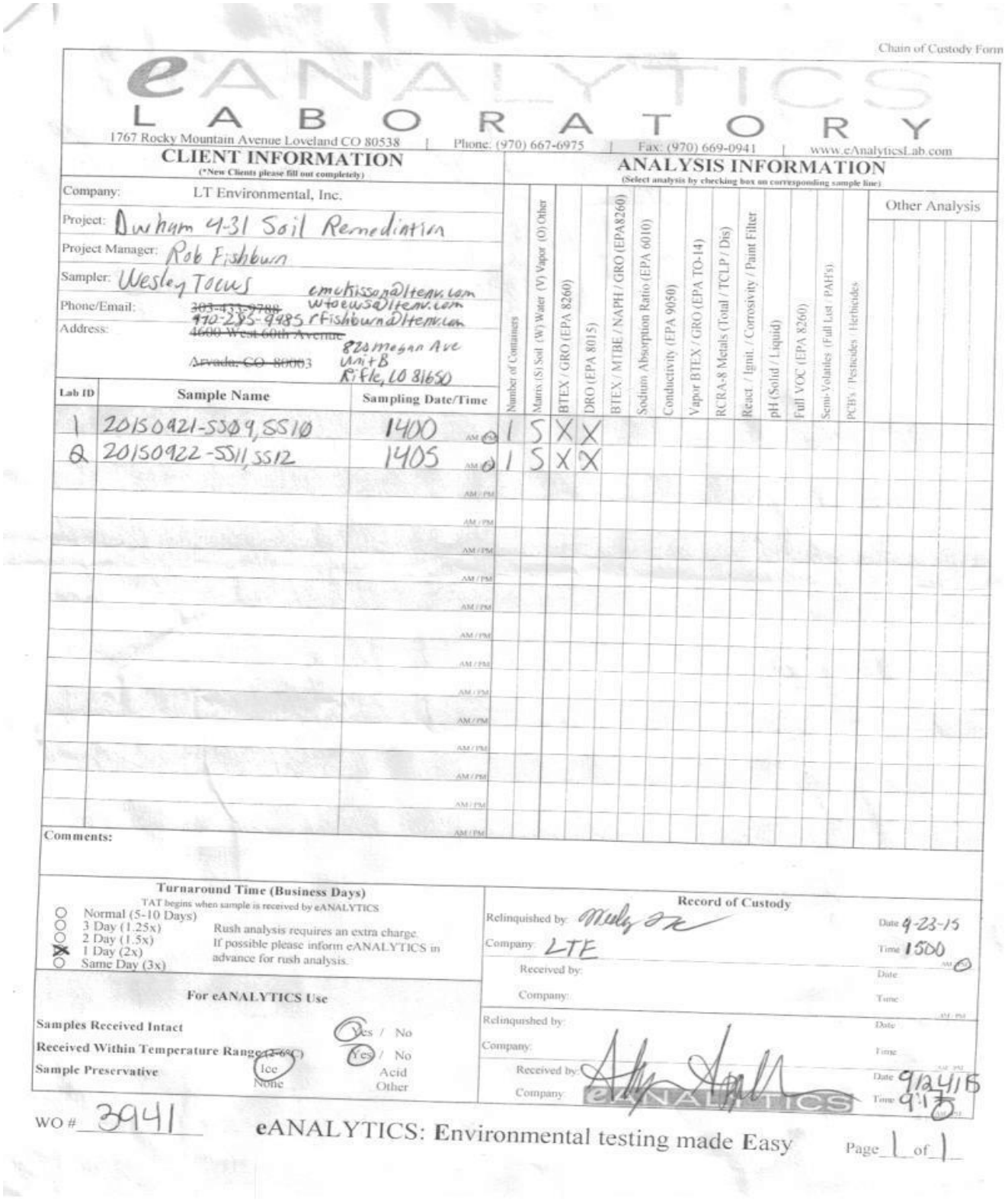
Sincerely,

Christopher Dieken
Quality Assurance Manager

Todd Rhea
Laboratory Manager

Chain of Custody

eANALYTICS LABORATORY



Chain of Custody Form

eANALYTICS LABORATORY

1767 Rocky Mountain Avenue Loveland CO 80538 | Phone: (970) 667-6975 | Fax: (970) 669-0941 | www.eAnalyticsLab.com

CLIENT INFORMATION
(*New Clients please fill out completely)

Company: LT Environmental, Inc.
Project: Durham 4-31 Soil Remediation
Project Manager: Rob Fishburn
Sampler: Wesley Toews
Phone/Email: ~~303-431-9788~~ 970-285-9485 rFishburn@ltenv.com
Address: ~~4600 West 60th Avenue~~ ~~Arvada, CO 80003~~ 828 Megan Ave Unit B Rifle, CO 81650
emckissock@ltenv.com wtoews@ltenv.com

ANALYSIS INFORMATION
(Select analysis by checking box on corresponding sample line)

Lab ID	Sample Name	Sampling Date/Time	Number of Containers	Matrix (S) Soil (W) Water (V) Vapor (O) Other	BTEX / GRO (EPA 8260)	DRO (EPA 8015)	BTEX / MTBE / NAPH / GRO (EPA8260)	Sodium Absorption Ratio (EPA 6010)	Conductivity (EPA 9050)	Vapor BTEX / GRO (EPA TO-14)	RCRA-8 Metals (Total / TCLP / Dis)	React / Ignit. / Corrosivity / Paint Filter	pH (Solid / Liquid)	Full VOC (EPA 8260)	Semi-Volatiles (Full List PAH's)	PCB's / Pesticides / Herbicides	Other Analysis
1	20150921-5508, 5510	1400 AM/PM	1	S	X	X											
2	20150922-5511, 5512	1405 AM/PM	1	S	X	X											

Comments:

Turnaround Time (Business Days)
TAT begins when sample is received by eANALYTICS
- ○ Normal (5-10 Days)
- ○ 3 Day (1.25x)
- ○ 2 Day (1.5x)
- ☒ 1 Day (2x)
- ○ Same Day (3x)

Rush analysis requires an extra charge. If possible please inform eANALYTICS in advance for rush analysis.

For eANALYTICS Use
Samples Received Intact: Yes / No
Received Within Temperature Range (2-6°C): Yes / No
Sample Preservative: Ice / None / Acid / Other

Record of Custody
Relinquished by: [signature] Date 9-23-15 Time 1500 AM/PM
Company: LTE
Received by: Date Time
Company:
Relinquished by: Date Time
Company:
Received by: [signature] Date 9/24/15 Time 9:17 AM/PM
Company: eANALYTICS

WO # 3941

eANALYTICS: Environmental testing made Easy

Page 1 of 1

Soil
Sample Analysis

eANALYTICS LABORATORY

Client:	LT Environmental	Lab ID:	3941
Project:	Durham 4-31 Soil Remediation		
Analysis:	BTEX / TPH-GRO TPH-DRO	Method:	EPA8260 EPA8015

Sample Name	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-GRO	TPH-DRO	Date Sampled	Date Analyzed	Lab ID	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg				
20150921-SS09, SS10	<0.010	0.017	0.147	0.610	124	192		09/24/15	3941	1
20150922-SS11, SS12	<0.010	0.027	<0.010	0.084	62.0	170		09/24/15	3941	2

Soil
Quality Control - Surrogate Recoveries

eANALYTICS LABORATORY

Client:	LT Environmental	Lab ID:	3941
Project:	Durham 4-31 Soil Remediation	Method:	EPA8260

Sample Name	Dibromo-fluoromethane % Recovery	1,2 Dichloro-ethane-D4 % Recovery	Toluene-D8 % Recovery	4-Bromo-fluorobenzene % Recovery	Date Sampled	Date Analyzed	Lab ID	
20150921-SS09, SS10	95	95	95	102		09/24/15	3941	1
20150922-SS11, SS12	93	96	95	94		09/24/15	3941	2

Soil
Quality Control - Analyses

eANALYTICS LABORATORY

Client:	LT Environmental	Lab ID:	3941
Project:	Durham 4-31 Soil Remediation		
Analysis:	BTEX / TPH-GRO TPH-DRO	Method:	EPA8260 EPA8015

Sample Name	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-GRO	TPH-DRO	Date Analyzed		Lab ID
	% Rec	% Rec	% Rec	% Rec	% Rec	% Rec			
Laboratory Control Sample	92	94	103	92	106	96	09/24/15	LCS	3941 1
(70-130%)									
Method Blank	< 0.010	< 0.010	< 0.010	< 0.010	< 50.0	< 50.0	09/24/15	MB	3941 1
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg			

Test Report

eANALYTICS LABORATORY

September 25, 2015

Client:	LT Environmental
Project:	Durham 4-31 Soil Remediation
Lab ID:	3957
Date Samples Received:	9/25/2015
Number of Samples:	1
Sample Condition:	Samples arrived intact and in appropriate sample containers
Sample Temperature:	Within acceptable range of 2-6° C, or as specified in EPA Method

The quality control procedures associated with the requested analyses were satisfactorily passed before the samples were run.

Thank you for allowing eAnalytics Laboratory to provide laboratory services for you.

Sincerely,

Christopher Dieken
Quality Assurance Manager

Todd Rhea
Laboratory Manager

Chain of Custody

eANALYTICS LABORATORY

Chain of Custody Form

eANALYTICS LABORATORY

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CLIENT INFORMATION (*New Clients please fill out completely)

ANALYSIS INFORMATION (Select analysis by checking box on corresponding sample line)

Company: LT Environmental, Inc.

Project: Durham 4-31 Soil Remediation

Project Manager: Rob Fishburn

Sampler: Wesley Toews wtoews@ltenv.com

Phone/Email: ~~303-423-0788~~ 720-285-9485 cmckissock@ltenv.com rfishburn@ltenv.com

Address: ~~4600 West 60th Avenue~~ ~~Arvada, CO 80003~~ 820 Mesa Ave Unit B Rifle, CO 81650

Lab ID	Sample Name	Sampling Date/Time	Number of Containers	Matrix (S) Soil (W) Water (V) Vapor (O) Other	BTEX / GRO (EPA 8260)	DRO (EPA 8015)	BTEX / MTBE / NAPH / GRO (EPA8260)	Sodium Absorption Ratio (EPA 6010)	Conductivity (EPA 9050)	Vapor BTEX / GRO (EPA TO-14)	RCRA-8 Metals (Total / TCLP / Dis)	Resist. / Ignit. / Corrosivity / Paint Filter	pH (Solid / Liquid)	Full VOC (EPA 8260)	Semi-Volatiles (Full List / PAHs)	PCB's / Pesticides / Herbicides	Other Analysis
1	20150922-5513,5514	1315 9-24-15	1	S	X	X											

Comments: 1 day TA

Turnaround Time (Business Days)

TAT begins when sample is received by eANALYTICS

- ○ Normal (5-10 Days)
- ○ 3 Day (1.25x)
- ○ 2 Day (1.5x)
- ☒ 1 Day (2x)
- ○ Same Day (3x)

Rush analysis requires an extra charge. If possible please inform eANALYTICS in advance for rush analysis.

Record of Custody

Relinquished by: Wesley Toews Date: 9-24-15

Company: LTE Time: 1400

Received by: Date:

Company: Time:

Relinquished by: Date:

Company: Time:

Received by: Date: 9/25/15

Company: eANALYTICS Time: 11:53

For eANALYTICS Use

Samples Received Intact: (Yes) / No

Received Within Temperature Range (2-6°C): (Yes) / No

Sample Preservative: (Ice) None / Acid Other

WO # 3957

eANALYTICS: Environmental testing made Easy

Page 1 of 1

eANALYTICS
LABORATORY

Client:	LT Environmental	Lab ID:	3957
Project:	Durham 4-31 Soil Remediation		
Analysis:	BTEX / TPH-GRO TPH-DRO	Method:	EPA8260 EPA8015

Sample Name	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-GRO	TPH-DRO	Date Sampled	Date Analyzed	Lab ID	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg				
20150922-SS13,SS14	<0.010	0.014	0.035	0.120	< 50.0	60.2	09/24/15	09/25/15	3957	1

Soil
Quality Control - Surrogate Recoveries

eANALYTICS LABORATORY

Client:	LT Environmental	Lab ID:	3957
Project:	Durham 4-31 Soil Remediation	Method:	EPA8260

Sample Name	Dibromo-fluoromethane % Recovery	1,2 Dichloro-ethane-D4 % Recovery	Toluene-D8 % Recovery	4-Bromo-fluorobenzene % Recovery	Date Sampled	Date Analyzed	Lab ID	
20150922-SS13,SS14	95	97	96	100	09/24/15	09/25/15	3957	1

Soil
Quality Control - Analyses

eANALYTICS LABORATORY

Client:	LT Environmental	Lab ID:	3957
Project:	Durham 4-31 Soil Remediation		
Analysis:	BTEX / TPH-GRO TPH-DRO	Method:	EPA8260 EPA8015

Sample Name	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-GRO	TPH-DRO	Date Analyzed		Lab ID
	% Rec	% Rec	% Rec	% Rec	% Rec	% Rec			
Laboratory Control Sample	104	107	93	106	99	88	09/25/15	LCS	3957 1
(70-130%)									
Method Blank	< 0.010	< 0.010	< 0.010	< 0.010	< 50.0	< 50.0	09/25/15	MB	3957 1
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg			

Test Report

eANALYTICS LABORATORY

September 28, 2015

Client:	LT Environmental
Project:	Durham 4-31 Soil Remediation
Lab ID:	3965
Date Samples Received:	9/26/2015
Number of Samples:	1
Sample Condition:	Samples arrived intact and in appropriate sample containers
Sample Temperature:	Within acceptable range of 2-6° C, or as specified in EPA Method

The quality control procedures associated with the requested analyses were satisfactorily passed before the samples were run.

Thank you for allowing eAnalytics Laboratory to provide laboratory services for you.

Sincerely,

Christopher Dieken
Quality Assurance Manager

Todd Rhea
Laboratory Manager

Chain of Custody

eANALYTICS LABORATORY

Chain of Custody Form

eANALYTICS LABORATORY

1767 Rocky Mountain Avenue Loveland CO 80538 | Phone: (970) 667-6975 | Fax: (970) 669-0941 | www.eAnalyticsLab.com

CLIENT INFORMATION

(*New Clients please fill out completely)

Company: LT Environmental, Inc.

Project: Durham 4-31 Soil Shredding

Project Manager: Rob Fishburn

Sampler: Wesley Toews wtoews@ltenv.com cmckissa@ltenv.com

Phone/Email: ~~303-423-9788~~ 970-285-9485 rfishburn@ltenv.com

Address: ~~4600 West 60th Avenue~~ ~~Arvada, CO 80003~~ 820 Megan Ave unit B Rifle, CO 81650

ANALYSIS INFORMATION

(Select analysis by checking box on corresponding sample line)

Lab ID	Sample Name	Sampling Date/Time	Number of Containers	Matrix (S) Soil (W) Water (V) Vapor (O) Other	BTEX / GRO (EPA 8260)	DRO (EPA 8015)	BTEX / MTBE / NAPH / GRO (EPA8260)	Sodium Absorption Ratio (EPA 6010)	Conductivity (EPA 9050)	Vapor BTEX / GRO (EPA TO-14)	RCRA-8 Metals (Total / TCLP / Dis)	React. / Ignit. / Corrosivity / Paint Filter	pH (Solid / Liquid)	Full VOC (EPA 8260)	Semi-Volatiles (Full List / PAHs)	PCB's / Pesticides / Herbicides	Other Analysis
1	20150923-SS15	9-25-2015 1345 AM/PM	1	S	X	X											

Comments: 1 day TAT

Turnaround Time (Business Days)

TAT begins when sample is received by eANALYTICS

- ○ Normal (5-10 Days)
- ○ 3 Day (1.25x)
- ○ 2 Day (1.5x)
- ☒ 1 Day (2x)
- ○ Same Day (3x)

Rush analysis requires an extra charge. If possible please inform eANALYTICS in advance for rush analysis.

For eANALYTICS Use

Samples Received Intact (Yes) No

Received Within Temperature Range (2-6°C) Yes / No

Sample Preservative Ice None Acid Other

Record of Custody

Relinquished by: Wesley Toews Date 9-25-15

Company: LTE Time 1445 AM/PM

Received by: Date Time

Company:

Relinquished by: Date

Company: Time

Received by: Date 9/28/15

Company: eANALYTICS Time 8:30 AM/PM

WO # 3965 eANALYTICS: Environmental testing made Easy Page 1 of 1

eANALYTICS
LABORATORY

Client:	LT Environmental	Lab ID:	3965
Project:	Durham 4-31 Soil Remediation		
Analysis:	BTEX / TPH-GRO TPH-DRO	Method:	EPA8260 EPA8015

Sample Name	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-GRO	TPH-DRO	Date Sampled	Date Analyzed	Lab ID	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg				
20150923-SS15	<0.010	<0.010	<0.010	<0.010	< 50.0	64.9	09/25/15	09/28/15	3965	1

Soil
Quality Control - Surrogate Recoveries

eANALYTICS LABORATORY

Client:	LT Environmental	Lab ID:	3965
Project:	Durham 4-31 Soil Remediation	Method:	EPA8260

Sample Name	Dibromo-fluoromethane % Recovery	1,2 Dichloro-ethane-D4 % Recovery	Toluene-D8 % Recovery	4-Bromo-fluorobenzene % Recovery	Date Sampled	Date Analyzed	Lab ID	
20150923-SS15	101	98	90	96	09/25/15	09/28/15	3965	1

Soil
Quality Control - Analyses

eANALYTICS LABORATORY

Client:	LT Environmental	Lab ID:	3965
Project:	Durham 4-31 Soil Remediation		
Analysis:	BTEX / TPH-GRO TPH-DRO	Method:	EPA8260 EPA8015

Sample Name	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-GRO	TPH-DRO	Date Analyzed		Lab ID
	% Rec	% Rec	% Rec	% Rec	% Rec	% Rec			
Laboratory Control Sample	103	97	108	91	103	92	09/28/15	LCS	3965 1
(70-130%)									
Method Blank	< 0.010	< 0.010	< 0.010	< 0.010	< 50.0	< 50.0	09/28/15	MB	3965 1
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg			

Test Report

eANALYTICS
LABORATORY

October 1, 2015

Client:	LT Environmental, Inc.
Project:	Durham 4-31 Soil Remediation
Lab ID:	3983
Date Samples Received:	9/30/2015
Number of Samples:	4
Sample Condition:	Samples arrived intact and in appropriate sample containers
Sample Temperature:	Within acceptable range of 2-6° C, or as specified in EPA Method

The quality control procedures associated with the requested analyses were satisfactorily passed before the samples were run.

Thank you for allowing eAnalytics Laboratory to provide laboratory services for you.

Sincerely,

Christopher Dieken
Quality Assurance Manager

Todd Rhea
Laboratory Manager

Chain of Custody

eANALYTICS LABORATORY

Chain of Custody Fo

eANALYTICS LABORATORY

4130 Clydesdale Parkway Loveland CO 80538 Phone: (970) 667-6975 Fax: (970) 669-0941 www.eAnalyticsLab.com

CLIENT INFORMATION
(*New Clients please fill out completely)

Company: LT Environmental, Inc.
Project: Durham 4-31 Soil Remediation
Send Report To: Rob Fishburn
Send Invoice To:
Phone/Email: 970-285-9185 rfishburn@ltenv.com cmillsaps@ltenv.com
Address: 820 Megan Ave Unit B
Rifle, CO 81650

ANALYSIS INFORMATION
(Select analysis by checking box on corresponding sample line)

Lab ID	Sample Name	Sampling Date	Number of Containers	BTEX/GRO (EPA8260)	DRO (EPA8015)
1	20150924-SS16	09/28/15/ 1455	2	X	X
2	20150924-SS17	09/28/15/ 1500	2	X	X
3	20150925-SS18	09/28/15/ 1505	2	X	X
4	20150926-SS19	09/28/15/ 1510	2	X	X

Comments: * 24 Hour TAT *

Turnaround Time (Business Days)
TAT begins when sample is received by eANALYTICS
- ○ Normal (5-10 Days)
- ○ 3 Day (25%)
- ○ 2 Day (50%)
- ● 1 Day (100%)
- ○ Same Day (300%)

Rush analysis requires an extra charge. If possible please inform eANALYTICS in advance for rush analysis.

Colorado OPS Project : Yes / No

For eANALYTICS Use
Samples Received Intact: (Yes) / No
Received Within Temperature Range (2-6°C): (Yes) / No
Sample Preservative: (Ice) None Acid Other

Record of Custody
Relinquished by: [signature] Date 9/29/15
Company: LTE Time 0830 AM PM
Received by: Date
Company: Time
Relinquished by: Date
Company: Time
Received by: Date 9/30/15
Company: eANALYTICS Time 10:00 AM PM

Lab ID # 3983

eAnalytics Laboratory
4130 Clydesdale Parkway Loveland CO 80538
(970) 667-6975

Page 1 of 1

Soil
Sample Analysis

eANALYTICS
LABORATORY

Client:	LT Environmental, Inc.	Lab ID:	3983
Project:	Durham 4-31 Soil Remediation		
Analysis:	BTEX / TPH-GRO TPH-DRO	Method:	EPA8260 EPA8015

Sample Name	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-GRO	TPH-DRO	Date Sampled	Date Analyzed	Lab ID	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg				
20150924-SS16	<0.010	<0.010	<0.010	<0.010	<50	86.0	09/28/15	09/30/15	3983	1
20150924-SS17	<0.010	<0.010	<0.010	0.023	<50	96.4	09/28/15	09/30/15	3983	2
20150925-SS18	<0.010	<0.010	<0.010	<0.010	<50	117	09/28/15	09/30/15	3983	3
20150926-SS19	<0.010	<0.010	<0.010	<0.010	<50	99.9	09/28/15	09/30/15	3983	4

Soil
Quality Control - Surrogate Recoveries

eANALYTICS LABORATORY

Client:	LT Environmental, Inc.	Lab ID:	3983
Project:	Durham 4-31 Soil Remediation	Method:	EPA8260

Sample Name	Dibromo-fluoromethane % Recovery	1,2 Dichloro-ethane-D4 % Recovery	Toluene-D8 % Recovery	4-Bromo-fluorobenzene % Recovery	Date Sampled	Date Analyzed	Lab ID	
20150924-SS16	101	90	95	104	09/28/15	09/30/15	3983	1
20150924-SS17	102	94	99	91	09/28/15	09/30/15	3983	2
20150925-SS18	97	98	96	99	09/28/15	09/30/15	3983	3
20150926-SS19	99	102	103	101	09/28/15	09/30/15	3983	4

Soil
Quality Control - Analyses

eANALYTICS LABORATORY

Client:	LT Environmental, Inc.	Lab ID:	3983
Project:	Durham 4-31 Soil Remediation		
Analysis:	BTEX / TPH-GRO TPH-DRO	Method:	EPA8260 EPA8015

Sample Name	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-GRO	TPH-DRO	Date Analyzed		Lab ID
	% Rec	% Rec	% Rec	% Rec	% Rec	% Rec			
Laboratory Control Sample	101	100	90	95	101	106	09/30/15	LCS	3983 1
(70-130%)									
Method Blank	< 0.010	< 0.010	< 0.010	< 0.010	< 50	< 50	09/30/15	MB	3983 1
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg			